EXCAVATOR BUCKETS & ATTACHMENTS

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- Bucket capacities are based on SAE J296 heaped capacity;
 bucket teeth are not included in this capacity calculation
 - Bucket and attachment weights may vary slightly from stated weights
 - Bucket and attachment dimensions may vary slightly from stated dimensions





EXCAVATOR MATERIAL DENSITY CHART & BUCKET FILL FACTORS

TABLE A - MATERIAL DENSITY CHART

WEIGHTS OF MATERIALS Bank Loose Swell % Weight Weight Bank Wt. ÷ Material (lb/yd^3) (lb/yd^3) Loose Wt. Caliche 3800 180.95% 2100 Clay, Dry 3100 2500 124.00% Clay, Natural Bed 3400 2800 121.43% 3500 Clay, Wet 2800 125.00% Clay and Gravel, Dry 2800 2400 116.67% Clay and Gravel, Wet 3100 2600 119.23% Coal, Anthracite, Natural Bed 1800 1650 109.09% Coal, Bituminous, Natural Bed 1600 1450 110.34% 3200 2550 Earth, Dry 125.49% 2600 2100 123.81% Earth, Loam 3400 2700 Earth, Wet Excavated 125.93% 3850 2900 Decomposed Rock 132.76% Gravel, Dry 2850 2550 111.76% Gravel, Wet 3800 3400 111.76% Glacial Till 3500 Stone, Crushed 4500 2700 166.67% 3000 Shale 2250 133.33% Sand, Dry 2700 2400 112.50% Sand, Damp 3200 2850 112.28%

3500

3100

1600

112.90%

TABLE B - EXCAVATOR BUCKET FILL FACTORS

- 1		
	Moist Loam or Sandy Clay	110 – 120%
	Sand and Gravel	95 – 100%
	Hard, Tough Clay	80 – 90%
	Caliche Clay	100%
	Rock – Fine Blasted	60 – 70%
	Rock - Coarse Blasted	40 – 50%



Sand, Wet

Topsoil



DETERMINING MAXIMUM EXCAVATOR BUCKET SIZE

- Find Maximum Lift and OEM Bucket Weight. Refer to OEM specification sheet to obtain maximum lift capacity at full reach over the side for your machine and the weight of the bucket used. Use a value of 5 10 feet above ground level. Be sure to use information that pertains to your boom and dipperstick length.
- 2. Find Adjusted Lift Capacity: Maximum Lift + OEM Bucket Weight = Adjusted Lift Capacity.
- 3. Determine Attachment Weight: Bucket + Coupler + Thumb, etc. = Attachment Weight.
- 4. Find Material Density. Refer to Excavator Material Density Chart to obtain correct material density.
- 5. Calculate Lift Weight: (Bucket Capacity x Material Density) + Attachment Weight = Lift Weight.
- Calculate Lift Ratio: Lift Weight ÷ Adjusted Lift Capacity = Lift Ratio.
 If the Lift Ratio is Less than 1.0, this is an acceptable application.
 If the Lift Ratio is Greater than 1.0, you should use a smaller capacity bucket.

EXAMPLES

Example 1. Find Maximum Bucket Size for OEM Excavator.

For Machine XYZ, a 15 Metric Ton (MT) excavator, using a CF150 X150 42" Standard Capacity Bucket, listed are the following conditions:

OEM Maximum Lift at Full Reach: 3800 lb. (9 feet above ground level)

OEM Bucket Weight: 1185 lb. (36" OEM bucket weight from specification sheet)

Woods Bucket Weight: 1238 lb. (CF150 X150 42" Standard Capacity)

Bucket Capacity: 1.01 cubic yard (CF150 X150 42" Standard Capacity)

Material Density: 3200 lb./cubic yard (Damp Sand from Bank)

- Adjusted Lift Capacity: (3800 lb. + 1185 lb.) = 4985 lb.
- Attachment Weight: (1238 lb. + 0 lb. + 0 lb.) = 1238 lb.
- Lift Weight: (1.01 x 3200 lb.) = 3232 lb. + 1238 lb. = 4470 lb.
- Lift Ratio: 4470 lb. ÷ 4985 lb. = 0.89

Since the Lift Ratio is less than 1.0, this is an acceptable application.

Example 2. Can we use a quick coupler with the above example?

CF hydraulic coupler for a 15 MT machine weighs 870 lb. Additional attachments are simply added directly to the Lift Weight.

- Adjusted Lift Capacity: (3800 lb. + 1185 lb.) = 4985 lb.
- Attachment Weight: (1238 lb.+ 870 lb. + 0 lb.) = 2108 lb.
- Lift Weight: (1.01 x 3200 lb.) = 3232 lb. + 2108 lb. = 5340 lb.
- Lift Ratio: 5340 lb. + 4985 lb. = 1.07

Since the Lift Ratio is greater than 1.0, this is not an acceptable application.

Example 3. What size bucket do we need to use to obtain a Lift Ratio that is less than 1.0 using the above coupler?

Using a CF150 X150 36" Standard Capacity bucket that weighs 1096 lbs. and has a capacity of 0.83 cubic yard.

- Adjusted Lift Capacity: (3800 lb. + 1185 lb.) = 4985 lb.
- Attachment Weight: (1096 lb. + 870 lb. + 0 lb.) = 1966 lb.
- Lift Weight: (0.83 x 3200 lb.) = 2656 lb. + 1966 lb. = 4622 lb.
- Lift Ratio: 4622 lb. + 4985 lb. = 0.93

Since the Lift Ratio is less than 1.0, this is an acceptable application.

PLEASE NOTE:

This is a general bucket sizing chart based upon machine working on a flat, firm, uniform surface. Information used for bucket sizing and material density was obtained from OEM Specification Sheets and available industry information. The intent of this chart is to provide a general guideline only. In view of the numerous variables involved in bucket sizing, material density, site topography, and machine operation, Woods assumes no responsibility or liability for the use of the preceding calculations in determining bucket size.





KEY FEATURES: EXCAVATOR BUCKETS & ATTACHMENTS

CF "X" Series Buckets

Central Fabricator "X" Series buckets are designed for easy material flow when loading and unloading the bucket. The low profile bridge design allows excellent operator visibility. Internal struts and the back side of the ears attached to the double thickness bridge / moldboard provide superior strength and rigidity. Corner gussets provide strength and rigidity to the upper corners of the bucket with minimal interference to material flow. The front corners of the buckets feature a unique interlocking welded joint between the cutting edge and replaceable side cutter insert. The side cutter insert and cutting edge are notched to provide a larger, stronger, and more rigid attaching joint.



X150

Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.



X250

For use in more demanding excavating conditions with high levels of clay, gravel, compacted soils and loose rock.



Designed for abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

Every "X" Series bucket is designed to meet or exceed OEM specifications while improving machine efficiency and productivity. The bucket capacities are based on the SAE J296 heaped bucket standard. All buckets are made with high-strength steel, T-1 cutting edges, replaceable cutting edge inserts, and heavy-duty horizontal wear strips to improve bucket durability.



CF Ditching & Grading Buckets

Ditching & Grading Buckets are used for ditch cleaning, grading, backfilling and loose material loading applications. They feature a wide and shallow tub design that offers a shorter tip radius allowing for the increased width without losing material penetration. Ditching & Grading buckets are ideal for use in sand, topsoil, and other loose or soft materials.

CF Ripper Buckets

Ripper Buckets are used in wide variety of severe applications where material is being both ripped and removed. Rip and dig with one attachment to increase performance and efficiency. As the current pass is dug and removed, the next pass is ripped and prepared. Standard applications for Ripper Buckets would include: frozen ground, sandstone, limestone, caliche, shale, coral, and other severe materials.







KEY FEATURES: EXCAVATOR BUCKETS & ATTACHMENTS (Continued)



Wain-Roy Jaw Buckets

Jaw Buckets provide the versatility of a trenching bucket and a thumb in one unit without having to weld thumb brackets onto the boom. Jaw Buckets are effective jobsite trenchers and haulers of cumbersome materials. Remove, load, and backfill material with the front jaw in the closed position and then use the hydraulically actuated jaw to pick and place large objects such as boulders, stumps, pipe, logs, concrete slabs and other debris. Jaw Buckets are an effective multi-use tool for construction applications.

Wain-Roy Tilting Buckets

Tilting Buckets rotate up to a total of 90 degrees, 45 degrees each side of center, for greater control and flexibility during ditch cleaning, grading, backfilling and loose material loading and unloading applications. The tilting mechanism allows the bucket to rotate at various angles in order to form the surface to the desired shape without repositioning the machine. This is especially beneficial when working along roadways or in tight operating conditions.



CF Sand and Mass Loading Buckets

Sand Buckets are designed for handling sand and loose material applications. The bucket draft is typically 6" to 12" inches for efficient loading and unloading of materials. The heavy-duty reinforced top beam design comes in an open or closed design. All models come in round or flat bottom styles and feature T-1 cutting edges and an extra-heavy wear shoe for maximum durability.

(Shown with coupler)

CF Single Point Rippers

Single Point Rippers are designed for the most demanding ripping applications of rock, clay, coral, and frost. Our standard design incorporates a heavy-duty OEM ear group mounting, and is available in many standard shank lengths and widths. Our rippers are manufactured with high strength steel shanks and can be custom designed to meet specific applications on equipment up to 280,000 lb (120MT).





CF/Wain-Roy Specialty Buckets

Specialty Buckets are offered for Cemetery/Bellhole, Pavement Removal, Pipe and Cribbing/Railroad applications. Trapezoid and "V" Buckets are also available. Standard products exist for the Specialty Bucket classification but can also be designed for your specific needs.







KEY FEATURES: EXCAVATOR BUCKETS & ATTACHMENTS (Continued)



CF Thumbs/Material Clamps

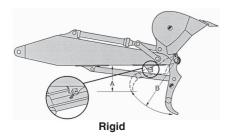
Thumbs are used in conjunction with a bucket as an efficient method to handle bulk material in landscaping and clearing, demolition, recycling, waste management, utility, and general contracting applications. Thumbs offer pick and place movement of large, awkward objects such as boulders, stumps, pipe, logs, concrete slabs, and other debris. Several variations of thumb attachment methods and tines are available to meet specific requirements.



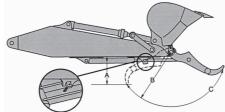




Rigid Direct Link Material Clamp may be stored in a resting position by removing the stiff-arm and pins.

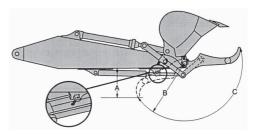


Hydraulic Direct Link Material Clamp provides a high degree of clamping force.



Hydraulic Direct

Hydraulic Progressive Link Material Clamp offers a high degree of clamp rotation.



Hydraulic Progressive

Wain-Roy Pin-On and Coupler Grapples

Grapples provide an efficient method of handling, recycling, and debris removal in land clearing, demolition, and landscape applications. We offer a stiff arm mount with single claw movement or a hydraulic configuration in which both claws can be operated independently. Grapples can be ordered in 2- over 3-tine heavy-material, 3- over 4-tine medium-material and 4- over 5-tine light-material classes. Our grapples can be used in conjunction with mechanical or hydraulic quick latch systems.







Manual & Hydraulic Quick Change Coupler Systems

Woods Equipment Company couplers turn the task of changing attachments on equipment into a safe, simple and efficient process by using one of our proven quick coupler systems. Woods has more than 20 years of proven experience in the quick coupler attachment business and offers a variety of systems to fit your needs. Couplers allow you to quickly turn a single prime mover into a multi-purpose system to accomplish a multitude of tasks. When properly installed and maintained, the various coupler systems we offer have excellent histories of never dropping buckets.



CF Pin Grabber Coupler System

The CF system offers a durable and proven design for your most demanding coupler requirements. Couplers are custom designed to fit standard Woods manufactured or OEM attachments and are available in both manual and hydraulic styles. Optional jump latches adapt any machine to any manufacturers attachment, which offers greater flexibility between machines and attachments on the job site. The coupler design incorporates a positive visual indicator to show locked and unlocked positions. An internal spring control lock prevents disengagement even with hydraulic pressure loss. A mechanical lynch pin prevents accidental disengagement, for maximum safety of the system.

Gannon Eliminator Manual Quick Coupler

The Eliminator manual quick coupler is designed for use with all Wain-Roy Original buckets and attachments. The manual coupler provides a simple and quick method to change excavator buckets and attachments. Maintaining close to the manufacturers pin-on performance specifications results in a near zero loss of breakout force. Eliminator coupler models are available to work with C&P, CAT, and Original Wain-Roy style buckets.



Wain-Roy Coupler Systems

Wain-Roy style coupler systems provide the benefits of fast and efficient changing of excavator buckets and attachments while maintaining close to the manufacturers pin-on performance specifications. This results in a near zero loss of breakout force. The Wain-Roy coupler systems have been the leaders and innovators in the coupler market for many years and are often copied by other manufacturers, but other systems lack the many Wain-Roy features. Manual and hydraulic locking systems are available.



Wain-Roy XLS Coupler System

The Wain-Roy XLS coupler system allows the benefit of fast and efficient changing of excavator buckets and attachments while maintaining close to the manufacturers pin-on performance specifications. This results in a near zero loss of breakout force. The Wain-Roy XLS coupler system design significantly reduces the free play between the coupler and attachments. The design provides the close fit between coupler and attachments to be maintained through simple adjustments with hand tools and periodic shimming. The XLS coupler system is designed for use with Wain-Roy Original and XLS style buckets and attachments. The XLS coupler system is available in an easy-to-use manual or "operate from the seat" hydraulic release configuration.

Wain-Roy XLS Swinger Coupler System

Wain-Roy Swinger Couplers rotate up to a total of 90 degrees, 45 degrees each side of center, for greater control and flexibility of any quick change attachment system. Buckets and specialty attachments such as rippers, jaws, grapples, compactors and hammers can be rotated to the desired position to achieve maximum production. Greater tool and attachment positioning flexibility increases efficiency in any work area. The hydraulic cylinder is positioned to minimize movement and provide protection from debris and excessive wear.







EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART: 9MT – 80MT

Classification ⇒		9MT (16K – 22K)	12MT (22K – 30K)	15MT (30K – 41K)	20MT (41K – 52K)	25MT (52K – 65K)
Dahaat	Current Models	E80				
Bobcat	Vintage					
Current Models		CX75 MSR, CX80	CX130B, CX135 MSR	CX160B	CX210B, CX225 MSR	CX240B, CX290B
Case	Vintage		CX210 LR, CX130, CX135, CX240 LR	CX160	CX210, CX225	CX240, CX280, CX290
	Current Models		311D LRR, 312D, 312D L	314D CR, 314D LCR, 315D L	319D L, 319D LN, 320D L, 320D LRR, 321D LCR	324D L, 329D L
Caterpillar	Vintage		311C, 312C L, M313C	314C CR, 314C LCR, 315C L, M315C, M316C, M318C	318C L, 318C LN, 320C, 320C L ME, 320CL SLR, 320C UTIL, M322C	321C LCR, 322C L, 322C L ME, 322C L SLR, 325C, 325D L, 325C L ME
Courte	Current Models	CE75				
Coyote	Vintage					
Daewoo / Doosan	Current Models	DX80R	S140LCV, 1202	DX140LC, DX140LCR, DX140W, DX180LC, DX190W	DX210W, DX255LC	DX225LL, DX255LC
	Vintage			DX225LC, S175LCV,	DX275LC, S255LCV	
Cohl	Current Models	753Z, 803	1202			
Gehl	Vintage					
Gradall	Current Models			XL3100 III, XL3200 III, XL3300 III	XL4200 III, XL4300 III, XL5300 III	XL5200 III
	Vintage		XL2200	XL3200	XL4200 II	XL5200
Hitachi	Current Models	ZX75US-3, ZX85USB	ZX120-3, ZX135US-3	ZX160LC-3	ZX190W-3, ZX200LC-3, ZX220W-3, ZX225USLC-3	ZX240LC-3, ZX270LC-3
	Vintage	EX60, EX75UR, EX75UR-3	ZX120, ZX135	ZX160LC	ZX200LC, ZX225USLC	ZX230LC, ZX270LC
Harring dai:	Current Models	R80-7A	R140LC-9, R140LCD-7, R140W-9	R145LCR-9, R160LC-9, R180LC-9	R210LC-9, R200W-7A, R210W-9	R250LC-7A, RC250LC-9, R290LC-7A, R290LC-9
Hyundai	Vintage		R110D-7, R140LC-7, R140LCD-7	R160LC-7, R160LCD-7, R180LC-7, R180LCD-7	R210LC-7, R210LC-7LR	R250LC-7, R290LC-7, R290LC-7LR
ш	Current Models	80VX				
IHI	Vintage					
JCB	Current Models	8080, 8085	JS130LC	JS145, JS160LC, JS160NLC, JZ140	JS190, JS220, JS220LR, JS220XD	JS260, JS260LR, JS260XD
	Vintage				JS220LC	JS260LC
	Current Models		120D, 135D	160D LC	190D W, 200D, 200D LC, 220D W, 225D LC	240D LC, 270D LC
John Deere	Vintage	70D, 190E	110, 120C, 135C RTS, 490D, 490E	160C LC, 180CW, 590D, 595D	180CW, 180DW, 200C LC, 210CW, 225C LCRTS, 690D, 690E	230C LC, 270C LC, 270C SLF, 790D, 790E

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions





EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART: 9MT – 80MT (Continued)

Classification ⇒		30MT (65K – 95K)	45MT (95K – 110K)	60MT (110K – 160K)	80MT (160K – 200K)
	Current Models	CX350B	CX470B	CX700B	CX800B
Case	Vintage	CX330, CX330 LR	CX460, CX460 EXT	CX700	CX800
	Current Models	328D LCR, 336D L	345D L	365C L	385C L
Caterpillar	Vintage	330C, 330D L, 330C L ME	345C L, 345C LR, 345C VG, 345C L WVG, 345C L WVGLR	365 L II	375L, 385C LR
Current Models		DX300LC, DX300LC SLR, DX300LL, DX350LC, DX420LC, DX420LC RCW	DX480LC, DX480LCRCW	DX520LC	
Daewoo / Doosan	Vintage	DX300, DX300SLR, DX340, DX420, S300LCV, S340LCV, S420LCV	S470LCV, S470LCVLF	DX480	
Gradall	Current Models	XL4100 III, XL5100 III			
	Vintage				
Llitachi	Current Models	ZX350LC-3, ZX370	ZX450LC-3	ZX650LC-3	ZX850LC-3
Hitachi	Vintage	ZX330LC, ZX370	ZX450LC, ZX450KC ME	ZX600LC, ZX600LC BE	ZX800, ZX800ME
Llmdei	Current Models	R320LC-7A, R320LC-9, R380LC-9	R480LC-9	R520LC-9	R800LC-7A
Hyundai	Vintage	R320LC-7, R360LC-7, R360LC-7A	R450LC-7, R750LC-7A	R500LC-7A	
JCB	Current Models JS290, JS330, JS330XD, JS360 JS460				
	Vintage	JS330L, JS330NL	JS460LC		
	Current Models	350D LC		650D LC	850D LC
John Deere	Vintage	330C LC, 330C LCSF, 370C, 892D, 892E	450C LC, 992D, 992E	600C LC, 600C LC ME	800C, 800C ME

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions





EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART: 9MT – 80MT (Continued)

Classification	\Rightarrow	9MT (16K – 22K)	12MT (22K – 30K)	15MT (30K – 41K)	20MT (41K – 52K)	25MT (52K – 65K)
Current Models		70SR, 80CS	115SRDZ, 135SRLCOSB, 140SR	ED150BR, SK170LC	ED195BR, SK210LC	215SR, 235SR, SK260LC
Kobelco	Vintage			ED190BR, SK160LC	200SRLC, SK210LC-LR	235SRLC, SK240, SK250LC-DA, SK250LC-LR
	Current Models	PC88MR-8, PC95R-2	PC130-8	PC138USLC-8, PC160LC-7, PC160LC-8	PC200LC-8, PC200LC-HD, PC228USLC-3, PC228USLC-8	PC220LC-8, PC270LC-8, PC308USLC-3
Komatsu	Vintage		PC100-6, PC120-6, PC120LC-6, PC128UU-2, PC138USLC-2, PC158USL-2		PC200-7, PC200LC-7	PC220LC-7, PC270LC-7
Kubota	Current Models	KX080-3				
Kubota	Vintage					
Liebherr	Current Models	A900 Compact	A309, A311, A312	A312, A314, A316, R313, R317	A900C, A900C-ZW, A904C, A914C, A924C, R317, R900C, R906-A/C, R916 A/C	A924C, A924 Plus, R906 A/C, R914C, R916 A/C, R916, R924 Compact, R926, R926-A/C
	Vintage				R904C	R914B, R924B, R934B
Link-Belt	Current Models		130X2, 130LX, 135MSR, 210LX-LF, 240LX-LF	160X2	210X2, 210X2-LF, 225MSR	240X2, 240X2-LF, 240X2-MH, 290X2, 290X2-LF
	Vintage		130LX, 135MSR, 210LX-LF, 240LX-LF	160X	210LX, 225MSR	240LX, 290LX
Mustang	Current Models	7503ZT, 8003	12002			
Widstang	Vintage					
New Holland	Current Models	E70B, E80B		E135B, E175B	E215B	
New Honaria	Vintage		EH130LC	EH160LC	EH215LC	
Takeuchi	Current Models	TB180FR				
Terex / O&K	Current Models TW85 TW110, TW130		TXC140LC-2, TXC180LC-2, TW150, TW160, TW160SR, TW170, TW180SR, TW190, TW220	TC210C, TC225LC, TXC225LC-2, TC240LC, TW220	TXC255LC-2, TC260LC	
	Vintage TC125 (HR42) TC125 (HR42), TC140LC-1			TXC175LC	TXC225LC	TXC255LC
	Current Models	ECR88	EC140C	ECR145C, EC160C, EW160C, EW180C	EW180C, EC210C, EX210C, EW230C	EW230C, ECR235C, EC240C, EC290C
Volvo	Vintage		EC140B-LC	EC160B, EC160C-LC, EW180	EC210B, EC210C-LR, EC210B-LC, EC210B-NLC	EC240B-LC, EC240B-LR, EC290B-LC, EC290B-LR
Yanmar	Current Models	B7∏-5A, SV100, Vi075C				
	Vintage					

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions





EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART: 9MT – 80MT (Continued)

Classification ⇒		30MT (65K – 95K)	45MT (95K – 110K)	60MT (110K – 160K)	80MT (160K – 200K)
	Current Models	SK295LC, SK350LC		SK485LC	SK850LC
Kobelco	Vintage	SK290LC-DA, SK290LC-LR, SL330LC-DA, SK330LC-ME	SK480LC-DA, SK480LC-ME		
Komatsu	Current Models	PC300LC-8, PC300HD-7 MH, PC300HD-8, PC350LC-8, PC350HD-8	PC400LC-8, PC450LC-8	PC600LC-8, PC600LC-8 MH	PC800LC-8 MH
	Vintage PC300HD-7, PC300LC-7, PC350LC-7 PC400LC-6, PC400LC-7, PC450-6, PC450-7, PC450LC-6			PC600LC-7, PC600LC-7SE, PC600LC-8	PC750LC-7, PC750SE-7
Liebherr	Current Models	A934C, R934B, R934C, R944B, R944C	R944C, R954C	A944C-HD, R954C, R964C	A954C-HD, R964C, R974C
	Vintage		R954B, R954B-V	R964B, R964B-SME	
	Current Models	350X2	460X2	700X2	800X2
Link-Belt	Vintage	330LX	460LX		700LX, 700LX-ME, 800LX, 800LX-ME
Terex / O&K	Current Models	TXC300LC-2, TXC340LC-2, TXC420LC-2	TXC480LC-2	TXC520LC-2	
	Vintage	TXC300LC, TXC340LC, TXC400LC, TXC400LC, TXC400LC	TXC470LC		
	Current Models	EC290C, ECR305C, EC330C, EC360C	EC460C	EC700C	
Volvo	Vintage	EC330B-LC, EC330B icme, EC360B-LC, EC360B-icme	EC460B-LC, EC460B-icme		EC700B-LC, EC700B-icme

MINING EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART: 120MT -800MT

Classification	\Rightarrow	120MT (200K – 280K)	190MT (280K – 500K)	250MT (500K – 725K)	360MT (725K – 1,100K)	550MT (1,100K – 1,500K)	800MT (> 1,500K)
	Current Models	EX1200-6	EX1900-6	EX2500-6	EX3600-6	EX5500-6	EX8000-6
Hitachi	Vintage	EX1200-5, EX1200-5 BE	EX1900	EX2500	EX3600	EX5500	EX8000
	Current Models	PC1250-8, PC1250LC-8, PC1250LC-8 MH	PC2000-8	PC3000-6	PC4000-6	PC5500-6	PC8000-6
Komatsu	Vintage	PC1250-7, PC1250LC-7, PC1250SP-7	PC1800-6	PC3000	PC4000	PC5500	PC8000
Liebherr	Current Models	R974C, R9100, R984C		R9250, R9350	R995	R996B	R9800
	Vintage	R974B-SME	R992	R994			R996
Terex / O&K	Current Models	RH30F, RH30F HD-RIC, RH40E, RH40E HD-IC, RH40F	RH90C	RH120E	RH170	RH200, RH340	RH400
	Vintage						

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions





9MT (16,000 to 22,000 LB) EXCAVATOR BUCKETS & COUPLERS

BUCKETS

 CASE
 DEERE/HITACHI
 KOMATSU
 TAKEUCHI
 TEREX
 VOLVO

 CX75, CX80
 75, 85
 PC88, PC95
 TB180
 TW85
 ECR88

Refer to pages 2-8 & 2-10 for additional manufacturers and models.

Gannon Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Wain-Roy Quick Change (Original, XLS)	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
HEAVY-DUTY	HD2-16	0.27	547	1.25	3	\$ 1,989	HEAVY-DUTY	HD2-16	0.27	535	1.25	3	\$ 1,877
	HD2-18	0.30	592	1.25	3	2,029		HD2-18	0.30	575	1.25	3	1,923
32	HD2-24	0.46	708	1.25	4	2,311	32	HD2-24	0.46	685	1.25	4	2,183
	HD2-30	0.59	819	1.25	5	2,505	38	HD2-30	0.59	785	1.25	5	2,367
38	HD2-36	0.72	896	1.25	6	2,724		HD2-36	0.72	860	1.25	6	2,576
	HD2-42	0.86	1058	1.25	6	2,956		HD2-42	0.86	939	1.25	6	2,796
	HD2-48	1.01	1086	1.25	8	3,175		HD2-48	1.01	1015	1.25	8	3,005

CF Pin-On				Revers	sible 0.75 Add:	" BOCE,	Wain-Roy Quic	k Chang	ge (Original, XLS)	Reversible BOCE	
DITCHING & GRADING	3LD-36	0.48	425	1.00	\$ 338	\$ 1,875	DITCHING & GRADING	36	0.49 710	Standard	\$ 2,097
100	3LD-42	0.57	461	1.00	363	2,058	The state of the s	48	0.67 740	Standard	2,698
35.4	3LD-48	0.66	497	1.00	387	2,270	28	60	0.81 820	Standard	3,239
	3LD-54	0.76	528	1.00	399	2,494					
36.8 —	3LD-60	0.85	559	1.00	423	2,731	33 - 1				
Note: Optional dra	ote: Optional drain holes in side plate or backsheet.										





(16,000 to 22,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

COUPLERS

CF Mechanical Quick Latch	Style / Description	Wt. (lbs.)	List Price	CF Direct Pin	Style / Description	Wt. (lbs.)	List Price
MECHANICAL QUICK COUPLER Mechanical (with pin kit)		185	\$ 2,752	DIRECT PIN COUPLER	Mechanical (with single pin kit)	165	\$ 1,414
23	Jump latch		3,027	23	Jump latch		1,555
COUPLER PIN KIT	1P	70	309	COUPLER PIN KIT (SINGLE PIN)		25	154

Gannon Eliminator

MANUAL RELEASE Manual release (Fits all Original

style buckets and

attachments)

Wain-Roy QC (XLS) MANUAL RELEASE

Manual release (Fits all Original and XLS style buckets and attachments)

303 \$ 2,171

Wain-Roy Quick Change (XLS)

0

Wain-Roy Quick Change (XLS)



Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)

330 \$ 4,907

\$ 2,171

MANUAL RELEASE SWINGER

Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)

400 \$ 6,501

Note: Hydraulic components include valve, switch box & wiring, and hoses & connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.

Note: Dealer-supplied hydraulics. When providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 20 inches wide. Digging depth is limited when a narrower bucket is used.

Wain-Roy Direct Pin

SWINGER COUPLER W/DIRECT PIN COUPLER INTERFACE



Mechanical. with single pin kit

400 \$ 6,501

TOOTH STYLES

		Henslev	Additional Tooth Availability (Price per Tooth)								
Edge Size	Standard	Generic	Hen	sley	CA	Т	Esc	o	Metalog	jenia	
1.00"	Manufacturer Specified Teeth & Adapter	_	X160	\$ 29	1U3202	\$ 29	V19SYL	\$ 31	MG15U	\$ 36	
1.25" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 7	X220	\$ 39	1U3302	\$ 70	V23SYL	\$ 62	MG15U	\$ 44	

Note: Additional genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.

For Wain-Roy Adapters & Conversion Kits, see page 2-38.

For Thumbs (Material Clamps), see page 2-36.

For Hydraulic Kit availability and pricing, contact Dealer Services.

For Grapples, see page 2-37.





12MT (22,000 to 30,000 LB) EXCAVATOR BUCKETS & COUPLERS

CASE CATERPILLAR DEERE/HITACHI KOMATSU TEREX VOLVO CX130, CX135 11, 312 120, 135 PC130 TW110, TW130 EC140

Refer to pages 2-8 & 2-10 for additional manufacturers and models.

X150 Bucket: Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

X250 Bucket: More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

X350 Bucket: Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

Bucket Capacities: Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

- Bucket Capacity with Standard Teeth: Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with Flared Teeth: Multiply listed bucket capacity x 1.15 (15%)

CAPACITY CF120X150-20 0.33 792 1.25 3 3,052 HEAVY-DUTY CF120X150-24 0.42 893 1.25 4 3,298 CF120X150-30 0.57 1066 1.25 4 3,683 CF120X150-36 0.73 1081 1.25 5 3,949 CF120X150-42 0.88 1230 1.25 5 4,431 CF120X150-48 1.04 1312 1.25 6 4,749 CF120X250-18 0.29 792 1.25 3 3,275 HEAVY-DUTY CF120X250-20 0.33 835 1.25 3 3,275 CF120X250-30 0.57 1059 1.25 4 3,877 CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 CF120X250-48 1.04 1441 1.25 6 5,078 CF120X350-24 0.42 1295 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 3,886 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS)	HIGH PACITY VY-DUTY CF125X150-20 0.38 1025 1.25 3 4,069 CF125X150-24 0.49 1114 1.25 4 4,199
HEAVY-DUTY CF120X150-20 0.33 792 1.25 3 3,052 HEAVY-CF120X150-24 0.42 893 1.25 4 3,298 CF120X150-30 0.57 1066 1.25 4 3,683 CF120X150-36 0.73 1081 1.25 5 3,949 CF120X150-42 0.88 1230 1.25 5 4,431 CF120X150-48 1.04 1312 1.25 6 4,749 CF120X250-20 0.33 835 1.25 3 3,275 CF120X250-24 0.42 938 1.25 4 3,535 CF120X250-30 0.57 1059 1.25 4 3,877 CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 CF120X250-24 0.42 1295 1.50 3 3,886 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-34 0.88 1727 1.50 5 5,505 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS)	VY-DUTY CF125X150-20 0.38 1025 1.25 3 4,069
CF120X150-30 0.57 1066 1.25 4 3,683 CF120X150-36 0.73 1081 1.25 5 3,949 CF120X150-42 0.88 1230 1.25 5 4,431 CF120X150-48 1.04 1312 1.25 6 4,749 STD. CAPACITY EXTRA HEAVY-DUTY CF120X250-18 0.29 792 1.25 3 3,275 CF120X250-24 0.42 938 1.25 4 3,535 CF120X250-30 0.57 1059 1.25 4 3,877 CF120X250-42 0.88 1299 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 STD. CAPACITY CF120X350-18 0.29 1179 1.50 3 \$3,746 STD. CAPACITY CF120X350-18 0.29 1179 1.50 3 3,886 CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS)	© CF125X150-24 0.49 1114 1.25 4 4,199
CF120X150-36 0.73 1081 1.25 5 3,949 CF120X150-42 0.88 1230 1.25 5 4,431 CF120X150-48 1.04 1312 1.25 6 4,749 STD. CAPACITY CF120X250-18 0.29 792 1.25 3 \$3,144 EXTHEM HEAVY-DUTY CF120X250-20 0.33 835 1.25 3 3,275 HEAVY-DUTY CF120X250-24 0.42 938 1.25 4 3,535 CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 STD. CAPACITY CF120X350-18 0.29 1179 1.50 3 \$3,746 SEVERE-DUTY CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy Quick Change (Original, XLS)	/ / / 📉
CF120X150-36 0.73 1081 1.25 5 3,949 CF120X150-42 0.88 1230 1.25 5 4,431 CF120X150-48 1.04 1312 1.25 6 4,749 STD. CAPACITY EXTRA HEAVY-DUTY CF120X250-20 0.33 835 1.25 3 3,275 CF120X250-24 0.42 938 1.25 4 3,535 CF120X250-30 0.57 1059 1.25 4 3,877 CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 STD. CAPACITY SEVERE-DUTY CF120X350-18 0.29 1179 1.50 3 \$3,746 CF120X350-24 0.42 1295 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 3,886 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy Wain-Roy	CF125X150-30 0.66 1151 1.25 4 4,437
CF120X150-48 1.04 1312 1.25 6 4,749 STD. CAPACITY EXTRA HEAVY-DUTY CF120X250-20 0.33 835 1.25 3 3,275 CF120X250-24 0.42 938 1.25 4 3,535 CF120X250-30 0.57 1059 1.25 4 3,877 CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 STD. CAPACITY SEVERE-DUTY CF120X350-18 0.29 1179 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 3,886 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy Wain-Roy	CF125X150-36 0.83 1261 1.25 5 4,930
STD. CAPACITY CF120X250-18 0.29 792 1.25 3 \$3,144 HIGH CALEXTRA HEAVY-DUTY CF120X250-20 0.33 835 1.25 3 3,275 HEAVY-DUTY CF120X250-24 0.42 938 1.25 4 3,535 CF120X250-36 0.77 1059 1.25 4 3,877 CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 SEVERE-DUTY CF120X350-18 0.29 1179 1.50 3 \$3,746 SEVERE CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS)	CF125X150-42 1.01 1390 1.25 5 5,666
EXTRA HEAVY-DUTY CF120X250-20 0.33 835 1.25 3 3,275 HEAVY- CF120X250-24 0.42 938 1.25 4 3,535 CF120X250-30 0.57 1059 1.25 4 3,877 CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 STD. CAPACITY SEVERE-DUTY CF120X350-18 0.29 1179 1.50 3 3,746 SEVERE CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 3,886 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5 5 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy	CF125X150-48 1.19 1499 1.25 6 5,966
EXTRA HEAVY-DUTY CF120X250-20 0.33 835 1.25 3 3,275 HEAVY- CF120X250-24 0.42 938 1.25 4 3,535 CF120X250-30 0.57 1059 1.25 4 3,877 CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 STD. CAPACITY SEVERE-DUTY CF120X350-18 0.29 1179 1.50 3 3,746 SEVERE CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 3,886 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5 5 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy	
CF120X250-24 0.42 938 1.25 4 3,535 CF120X250-30 0.57 1059 1.25 4 3,877 CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 CF120X350-18 0.29 1179 1.50 3 \$3,746 SEVERE-DUTY CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS)	CAPACITY CF125X250-18 0.33 993 1.25 3 \$4,081
CF120X250-30 0.57 1059 1.25 4 3,877 CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 STD. CAPACITY CF120X350-18 0.29 1179 1.50 3 \$3,746 SEVERE-DUTY CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy	VY-DUTY CF125X250-20 0.38 1055 1.25 3 4,186
CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 STD. CAPACITY SEVERE-DUTY CF120X350-18 0.29 1179 1.50 3 \$3,746 SEVERE CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy	CF125X250-24 0.49 1364 1.25 4 4,396
CF120X250-36 0.73 1141 1.25 5 4,197 CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 STD. CAPACITY SEVERE-DUTY CF120X350-18 0.29 1179 1.50 3 \$3,746 SEVERE CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-36 0.73 1481 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy	CF125X250-30 0.66 1472 1.25 4 4,787
CF120X250-42 0.88 1299 1.25 5 4,774 CF120X250-48 1.04 1441 1.25 6 5,078 STD. CAPACITY CF120X350-18 0.29 1179 1.50 3 \$3,746 SEVERE-DUTY CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy	CF125X250-36 0.83 1570 1.25 5 5,225
STD. CAPACITY SEVERE-DUTY CF120X350-18 0.29 1179 1.50 3 \$3,746 SEVERE CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy Wain-Roy State of CF120X350-18 0.29 1179 1.50 5 5,794	CF125X250-42 1.01 1651 1.25 5 5,881
SEVERE-DUTY CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy	CF125X250-48 1.19 1689 1.25 6 6,081
SEVERE-DUTY CF120X350-20 0.33 1205 1.50 3 3,886 CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy	CARACITY OF COLUMN AS A SECOND OF COLUMN AS
CF120X350-24 0.42 1295 1.50 3 4,171 CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy Quick Change (Original, XLS)	RE-DUTY 01 120/0000 10 0:00 1000 1:00 0 \$ \$ \$ \$ \$ \$
CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy Quick Change (Original, XLS)	CF125X350-20 0.38 1554 1.50 3 5,363
CF120X350-30 0.57 1411 1.50 4 4,525 CF120X350-36 0.73 1481 1.50 5 4,865 CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy Wain-Roy	CF125X350-24 0.49 1645 1.50 3 5,631
CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy Quick Change (Original, XLS)	CF125X350-30 0.66 1761 1.50 4 6,079
CF120X350-42 0.88 1727 1.50 5 5,505 CF120X350-48 1.04 1959 1.50 6 5,794 Wain-Roy Quick Change (Original, XLS) Wain-Roy Quick Change (Original, XLS)	CF125X350-36 0.83 1790 1.50 5 6,225
Wain-Roy Quick Change (Original, XLS) Wain-Ro	CF125X350-42 1.01 1830 1.50 5 7,013
	CF125X350-48 1.19 2309 1.50 6 7,475
	Roy Quick Change (Original, XLS)
	ERE-DUTY SD3-18 0.33 715 1.25 3 \$3,561
/ B HD3-24 0.49 813 1.25 4 3,320 / B	SD3-24 0.49 834 1.25 4 4.011
38 HD3-30 0.66 901 1.25 4 3,532	38 SD3-30 0.66 926 1.25 4 4,344
HD3-36 0.83 1011 1.25 5 3.819	SD3-36 0.83 1040 1.25 5 4,741
HD3-42 1.00 1129 1.25 6 4.480	
HD3-48 1.18 1213 1.25 6 4.693	⁴ SD3-42 1.00 1156 1.25 6 5.511
Optional Bolt-On Side Cutter Extensions, Add: 784	SD3-42 1.00 1156 1.25 6 5,511 SD3-48 1.18 1249 1.25 6 5,845



37.3

CF Pin-On

DITCHING &

GRADING

1DXS-42

1DXS-48

1DXS-54

1DXS-60

1DXS-72

Note: Optional drain holes in side plate or backsheet.

0.62

0.73

0.83

0.94

1.15

786

848

905

963

1084



Reversible

BOCE

Standard

Standard

Standard

Standard

\$ 2,097

2,698

3,239

3,544

Wain-Roy Quick Change (Original, XLS)

0.49

0.67

0.81

1.00

710

740

820

935

36

48

60

72

DITCHING &

GRADING

33

Reversible 1.00" BOCE,

Add:

567

605

630

668

\$3,137

3,385

3,619

3,867

4.596

1.00 \$ 542

1.00

1.00

1.00

1.00

12MT (22,000 to 30,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

COUPLERS

CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price	CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price
QUICK-LATCH HYDRAULIC	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	725	\$ 7,052	QUICK-LATCH MECHANICAL	Mechanical (with pin kit), includes "D-Ring"	570	\$ 5,902
29.8 5.5	Jump latch		7,759	28.1 6.9	Jump latch		6,492
COUPLER PIN KIT	1P	70	450				

Gannon Eliminator

MANUAL RELEASE

Manual release
(Fits all Original style buckets and attachments)

299 \$2,171

Wain-Roy QC (XLS)

MANUAL RELEASE

Manual release (Fits all Original and XLS style buckets and attachments)

303 **\$ 2,171**

Wain-Roy Quick Change (XLS)

HYDRAULIC RELEASE

Hydraulic coupler, pin kit and selected components

(Fits all Original and XLS style buckets and attachments)

Wain-Roy Quick Change (XLS)

MANUAL RELEASE SWINGER

Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)

400 \$ 6,501

Note: Hydraulic components include valve, switch box & wiring, and hoses & connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.

Note: Dealer-supplied hydraulics. When providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 20 inches wide. Digging depth is limited when a narrower bucket is used.

OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

\$ 5,151

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	1,124		

TOOTH STYLES

		Hanalay	Additional Tooth Availability (Price per Tooth)								
Edge Size	Standard	Hensley Generic	Hensley		CAT		Esco		Metalogenia		
1.25"	Manufacturer Specified Teeth & Adapter	_	X220	\$ 32	1U3302	\$ 65	V23SYL	\$ 56	MG15U	\$ 37	
1.50"	Manufacturer Specified Teeth & Adapter	_	X290	\$ 41	1U3351	\$ 61	V29SYL	\$ 36	MG20U	\$ 52	
1.50	Manufacturer Specified Teetif & Adapter	_	A290	341	103331	301	V2931L	\$ 30	MG30U	\$ 100	
1.50"	Manufacturer Specified Teeth & Adapter	6 12	V200	¢ 5.4	1U3351	\$ 73	V29SYL	\$ 49	MG20U	\$ 65	
Upgrade	wanulacturer Specified Teeth & Adapter	\$ 13	X290	\$ 54	103351	φ/3	V2951L	ə 49	MG30U	\$ 113	

Note: Additional genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36. For Thumbs (Material Clamps), see page 2-36.

For Wain-Roy Adapters & Conversion Kits, see page 2-38. For Hydraulic Kit availability and pricing, contact Dealer Services.

For Grapples, see page 2-37.





15MT (30,000 to 41,000 LB) EXCAVATOR BUCKETS & COUPLERS

CASE CATERPILLAR CX160 314, 315

DEERE/HITACHI 160 KOMATSU PC138, PC160 TEREX TXC140, TW150 VOLVO EC160, EW160

Refer to pages 2-8 & 2-10 for additional manufacturers and models.

X150 Bucket: Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

X250 Bucket: More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

X350 Bucket: Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

Bucket Capacities: Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

- Bucket Capacity with Standard Teeth: Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with Flared Teeth: Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
STANDARD CAPACITY	CF150X150-18	0.34	732	1.25	3	\$ 3,619	HIGH CAPACITY	CF155X150-18	0.37	1005	1.25	4	\$ 4,119
HEAVY-DUTY	CF150X150-20	0.42	816	1.25	3	3,881		CF155X150-20	0.45	1045	1.25	4	4,250
(P)	CF150X150-24	0.50	900	1.25	4	4,181	(H)	CF155X150-24	0.54	1101	1.25	4	4,369
52.0	CF150X150-30	0.66	1068	1.25	4	4,355	56.5	CF155X150-30	0.73	1182	1.25	4	4,792
	CF150X150-36	0.83	1096	1.25	5	4,781		CF155X150-36	0.92	1276	1.25	5	5,223
55,2	CF150X150-42	1.01	1238	1.25	5	5,578	60.1	CF155X150-42	1.12	1411	1.25	5	5,841
	CF150X150-48	1.18	1387	1.25	6	5,929		CF155X150-48	1.31	1499	1.25	6	6,203
STD. CAPACITY EXTRA	CF150X250-18	0.34	787	1.25	3	\$ 3,744	HIGH CAPACITY EXTRA	CF155X250-18	0.37	1270	1.25	3	\$ 4,369
HEAVY-DUTY	CF150X250-20	0.42	842	1.25	3	3,969	HEAVY-DUTY	CF155X250-20	0.45	1320	1.25	3	4,393
(1)	CF150X250-24	0.50	942	1.25	4	4,206	(h)	CF155X250-24	0.54	1390	1.25	4	4,493
52.0	CF150X250-30	0.66	1097	1.25	4	4,555	56.5	CF155X250-30	0.73	1471	1.25	4	4,880
	CF150X250-36	0.83	1198	1.25	5	4,980		CF155X250-36	0.92	1574	1.25	5	5,318
55.2	CF150X250-42	1.01	1312	1.25	5	5,791	60.1	CF155X250-42	1.12	1687	1.25	5	6,140
	CF150X250-48	1.18	1490	1.25	6	6,140		CF155X250-48	1.31	1869	1.25	6	6,503
							•						
STD. CAPACITY SEVERE-DUTY	CF150X350-18	0.34	1183	1.50	3	\$ 4,381	HIGH CAPACITY SEVERE-DUTY	CF155X350-18	0.37	1673	1.50	3	\$ 4,977
SEVERE-DUTY	CF150X350-20	0.42	1255	1.50	3	4,493	SEVERE-DOTY	CF155X350-20	0.45	1693	1.50	3	5,118
	CF150X350-24	0.50	1299	1.50	3	4,943		CF155X350-24	0.54	1720	1.50	3	5,404
52.0	CF150X350-30	0.66	1415	1.50	4	5,392	56.5	CF155X350-30	0.73	1777	1.50	4	5,828
	CF150X350-36	0.83	1493	1.50	5	5,841		CF155X350-36	0.92	1809	1.50	5	6,315
55.2	CF150X350-42	1.01	1730	1.50	5	6,290	60.1	CF155X350-42	1.12	1862	1.50	5	7,401
	CF150X350-48	1.18	1960	1.50	6	6,740		CF155X350-48	1.31	2350	1.50	6	8,050

Wain-Roy Quick Change (Original, XLS)

-						
HEAVY-DUTY	HD4-24	0.55	1139	1.50	3	\$ 4,954
	HD4-30	0.75	1315	1.50	4	5,380
42	HD4-36	0.95	1435	1.50	5	5,578
	HD4-42	1.16	1629	1.50	5	6,004
<u></u> 50 ──	HD4-48	1.34	1805	1.50	6	6,415
	Optional Bolt-O	n Side C	utter Ext	ensions,	Add:	699

Wain-Roy Quick Change (Original, XLS)

HIGH CAPACITY HEAVY-DUTY	STR4-30	0.66	1102	1.25	4	\$ 6,203
Ass. M	STR4-36	0.83	1230	1.25	5	6,415
39	STR4-42	1.01	1358	1.25	5	6,827
	STR4-48	1.19	1511	1.25	6	7,239
49						

CF Pin-On				Revers	ible 1.00 Add:	O" BOCE,	Wain-Roy Quic	k Char	nge (Original, XLS)		Reversible BOCE	
DITCHING & GRADING	1DXS-42	0.62	781	1.00	\$ 568	\$ 4,000	DITCHING & GRADING	36	0.50	1025	Standard	\$ 3,557
/ (©	1DXS-48	0.73	847	1.00	586	4,010	/ Jen ///a	42	0.60	1050	Standard	3,769
39.5	1DXS-54	0.83	907	1.00	616	4,335		48	0.75	1080	Standard	3,969
	1DXS-60	0.94	959	1.00	635	4,560		54	0.87	1095	Standard	4,181
	1DXS-72	1.15	1087	1.00	676	4,835		60	1.00	1110	Standard	4,393
37.3								72	1.13	1220	Standard	4,992
Note: Optional drain holes in side plate or backsheet.												





15MT (30,000 to 41,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

COUPLERS

CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price	CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price
QUICK-LATCH HYDRAULIC	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	870	\$ 7,744	QUICK-LATCH MECHANICAL	Mechanical (with pin kit), includes "D-Ring"	635	\$ 6,248
32.2 5.5	Jump latch		8,518	31.9 6.9	Jump latch		6,874

\$ 654

115

Pin Grabber Pin Kit

COUPLER PIN KIT

Wain-Roy Quick Change (XLS)

MANUAL RELEASE

Wain-Roy Quick Change (XLS)

Manual release (Fits all Original and XLS style buckets and attachments)

645 **\$ 4,637**

Wain-Roy Quick Change (XLS)

HYDRAULIC RELEASE

Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)

675 **\$ 6,525**

SWINGER W/ MANUAL BUCKET RELEASE

Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)

950 \$ 10,414

Note: Hydraulic components include valve, switch box & wiring, and hoses & connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.

Note: Dealer-supplied hydraulics. When providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 24 inches wide. Digging depth is limited when a narrower bucket is used.

OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	1,401		

TOOTH STYLES

		Hamalau		Additional Tooth Availab			ailability (Price per Tooth)				
Edge Size	Standard	Hensley Generic	Hen	Hensley CAT		Esco		Metalogenia			
1.25"	Manufacturer Specified Teeth & Adapter	_	X220	\$ 32	1U3302	\$ 65	V23SYL	\$ 56	MG15U	\$ 37	
1.50"	Manufacturer Specified Teeth & Adapter	_	X290	\$ 41	1U3351	\$ 61	V29SYL	\$ 36	MG20U	\$ 52	
1.50	Manufacturer opecifica rectif & Adapter		XZ30	Ψ - 11	100001	Ψ01	V2301L	Ψ 00	MG30U	\$ 100	
1.50"	Manufacturar Specified Teeth 9 Adenter	6 12	X290	\$ 54	1U3351	\$ 73	V29SYL	\$ 49	MG20U	\$ 65	
Upgrade	Manufacturer Specified Teeth & Adapter	\$ 13	X290	ə 54	103351	\$ 73	V2931L	3 49	MG30U	\$ 113	

Note: Additional genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36. For Thumbs (Material Clamps), see page 2-36.

For Wain-Roy Adapters & Conversion Kits, see page 2-38.

For Hydraulic Kit availability and pricing, contact Dealer Services.

For Grapples, see page 2-37.





20MT (41,000 to 52,000 LB) EXCAVATOR BUCKETS & COUPLERS

CASE CX210, CX225 CATERPILLAR 319, 320, 321 DEERE/HITACHI 190, 200, 225 KOMATSU PC200, PC228 TEREX TC210, TXC225 VOLVO EW180, EC210

Refer to pages 2-8 & 2-10 for additional manufacturers and models.

X150 Bucket: Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

X250 Bucket: More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

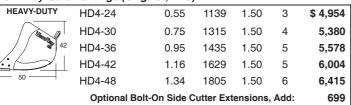
X350 Bucket: Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

Bucket Capacities: Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

- Bucket Capacity with Standard Teeth: Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with Flared Teeth: Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
STANDARD CAPACITY	CF200X150-24	0.54	1112	1.50	4	\$ 5,079	HIGH CAPACITY	CF205X150-24	0.60	1289	1.50	4	\$ 5,291
HEAVY-DUTY	CF200X150-30	0.73	1227	1.50	4	5,554	HEAVY-DUTY	CF205X150-30	0.81	1391	1.50	4	6,040
() () () () () () () () () ()	CF200X150-36	0.92	1350	1.50	5	5,977	(P) (P)	CF205X150-36	1.02	1451	1.50	5	6,477
56.5	CF200X150-42	1.12	1490	1.50	5	6,415	58.8	CF205X150-42	1.23	1596	1.50	5	6,764
	CF200X150-48	1.31	1586	1.50	6	6,976		CF205X150-48	1.45	1785	1.50	6	7,401
60.1	CF200X150-54	1.51	1720	1.50	6	7,364	65.0	CF205X150-54	1.66	2045	1.50	6	7,776
	CF200X150-60	1.70	1980	1.50	7	8,100		CF205X150-60	1.88	2305	1.50	7	8,824
STD. CAPACITY	CF200X250-24	0.54	1373	1.50	4	\$ 5,416	HIGH CAPACITY	CF205X250-24	0.60	1425	1.50	4	\$ 5,852
EXTRA HEAVY-DUTY	CF200X250-30	0.73	1481	1.50	4	5,866	EXTRA HEAVY-DUTY	CF205X250-30	0.81	1531	1.50	4	6,253
(H)	CF200X250-36	0.92	1573	1.50	5	6,091	(1)	CF205X250-36	1.02	1651	1.50	5	6,602
56.5	CF200X250-42	1.12	1699	1.50	5	6,540	58.8	CF205X250-42	1.23	1728	1.50	5	6,902
	CF200X250-48	1.31	1793	1.50	6	6,989		CF205X250-48	1.45	1853	1.50	6	7,451
60.1	CF200X250-54	1.51	1903	1.50	6	7,439	65.0	CF205X250-54	1.66	1965	1.50	6	7,975
	CF200X250-60	1.70	2018	1.50	7	8,337		CF205X250-60	1.88	2075	1.50	7	9,148
STD. CAPACITY SEVERE-DUTY	CF200X350-24	0.54	1658	1.50	3	\$ 6,300	HIGH CAPACITY SEVERE-DUTY	CF205X350-24	0.60	1695	1.50	3	\$ 7,204
SEVERE-DUTY	CF200X350-30	0.73	1760	1.50	4	6,552	SEVERE-DUTY	CF205X350-30	0.81	1805	1.50	4	7,627
	CF200X350-36	0.92	1859	1.50	4	6,995		CF205X350-36	1.02	1943	1.50	4	8,036
56.5	CF200X350-42	1.12	2029	1.50	5	7,878	58.8	CF205X350-42	1.23	2089	1.50	5	8,400
	CF200X350-48	1.31	2197	1.50	5	8,190		CF205X350-48	1.45	2305	1.50	5	9,428
60.1	CF200X350-54	1.51	2365	1.50	6	8,528	65.0	CF205X350-54	1.66	2410	1.50	6	9,990
	CF200X350-60	1.70	2478	1.50	7	9,066		CF205X350-60	1.88	2560	1.50	7	10,586

Wain-Roy Quick Change (Original, XLS)



Wain-Roy Quick Change (Original, XLS)

ļ	HIGH CAPACITY HEAVY-DUTY	HD5-24	0.66	1205	1.50	3	\$ 5,691		
)	The m	HD5-30	0.90	1370	1.50	4	6,096		
3	46	HD5-36	1.14	1535	1.50	5	6,305		
ļ	/:/-	HD5-42	1.38	1690	1.50	5	6,709		
;	52	HD5-48	1.63	1845	1.50	6	7,114		
)	Optional Bolt-On Side Cutter Extensions, Add:								

CF Pin-On				Revers	ible 1.00 Add:	O" BOCE,	Wain-Roy Quic	k Chang	e (Original, XLS)	Reversible BOCE	
DITCHING & GRADING	1DXH-42	0.62	866	1.00	\$ 568	\$ 4,019	DITCHING & GRADING	42	0.60 105	0 Standard	\$ 3,769
/ (o	1DXH-48	0.73	996	1.00	586	4,031	GRADING	48	0.75 108	0 Standard	3,969
39.5	1DXH-54	0.84	1126	1.00	616	4,321		54	0.87 109	5 Standard	4,181
	3LDLF-54	0.76	770	1.00	616	4,354		60	1.00 111	0 Standard	4,393
	3LDLF-60	0.85	815	1.25	635	4,410		72	1.13 122	0 Standard	4,992
37.3	1DXH-60	0.94	1256	1.00	635	4,581					
	1DXH-72	1.15	1295	1.00	676	4,857					
Note: Optional drain holes in side plate or backsheet.											





20MT (41,000 to 52,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

COUPLERS

CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price	CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price
QUICK-LATCH HYDRAULIC	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	925	\$ 8,332	QUICK-LATCH MECHANICAL	Mechanical (with pin kit), includes "D-Ring"	680	\$ 6,498
34.5	Jump latch		9,164	33.5	Jump latch		7,149

Pin Grabber Pin Kit Wain-Roy Quick Change (XLS)

					-		
COUPLER PIN KIT				MANUAL RELEASE			
99	3P	121	\$ 674	P	Manual release (Fits all Original and XLS style buckets and attachments)	645	\$ 4,637

١	Nain-Roy Quick Change (XL	LS)			Wain-Roy Quick Change ()	KLS)		
	HYDRAULIC RELEASE	Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)	675	\$ 6,525	SWINGER W/ MANUAL BUCKET RELEASE	Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)	950	\$ 10,414
١		ide valve, switch box & wiring, alve & cylinder. Dealer is respo nd to the bucket cylinder for po	nsible for			s. When providing the valve, cor relief valves. The Hydraulic Swi lepth is limited when a narrower	nger Cou	pler is

OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	1,716		

TOOTH STYLES

		Henslev	Additional Tooth Availability (Price per Tooth)									
Edge Size	ge Size Standard		Hensley		CAT		Esco		Metalogenia			
1.50"	Manufacturer Specified Teeth & Adapter	_	X290	\$ 41	1U3351	\$ 61	V29SYL	\$ 36	MG20U MG30U	\$ 52 \$ 100		
2.00" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 32	X400	\$ 114	9W8452	\$ 180	V39SYL	\$ 95	MG40U	\$ 162		

Note: Additional genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.	For Wain-Roy Adapters & Conversion Kits, see page 2-38.
For Thumbs (Material Clamps), see page 2-36.	For Hydraulic Kit availability and pricing, contact Dealer Services.
For Grapples, see page 2-37.	





25MT (52,000 to 65,000 LB) EXCAVATOR BUCKETS & COUPLERS

CASE CATERPILLAR DEERE/HITACHI KOMATSU TEREX VOLVO CX240, CX290 324, 329 240, 270 PC220, PC270 TXC255, TC260 EC230, EC290

Refer to pages 2-8 & 2-10 for additional manufacturers and models.

X150 Bucket: Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

X250 Bucket: More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

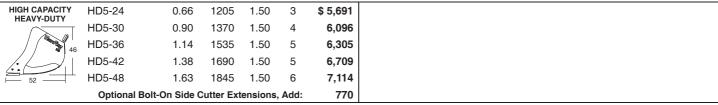
X350 Bucket: Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

Bucket Capacities: Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

- Bucket Capacity with Standard Teeth: Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with Flared Teeth: Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
STANDARD	CF250X150-24	0.60	1390	1.50	3	\$ 6,096	HIGH	CF255X150-24	0.81	1453	1.50	3	\$ 6,538
CAPACITY HEAVY-DUTY	CF250X150-30	0.81	1563	1.50	4	6,550	CAPACITY HEAVY-DUTY	CF255X150-30	1.08	1731	1.50	4	6,979
(h)	CF250X150-36	1.02	1639	1.50	5	6,771	(a)	CF255X150-36	1.36	1845	1.50	5	7,408
58.8	CF250X150-42	1.23	1779	1.50	5	7,212	64.7	CF255X150-42	1.64	1962	1.50	5	7,850
	CF250X150-48	1.45	1866	1.50	6	7,666		CF255X150-48	1.93	2068	1.50	6	8,549
65.0	CF250X150-54	1.66	2099	1.50	6	8,549	71.4	CF255X150-54	2.23	2200	1.50	6	9,187
03.0	CF250X150-60	1.88	2169	1.50	7	9,445	71.4	CF255X150-60	2.52	2430	1.50	7	9,824
STD. CAPACITY EXTRA	CF250X250-24	0.60	1540	1.50	3	\$ 6,243	HIGH CAPACITY EXTRA	CF255X250-24	0.81	1765	1.50	3	\$ 6,771
HEAVY-DUTY	CF250X250-30	0.81	1930	1.50	4	6,696	HEAVY-DUTY	CF255X250-30	1.08	2010	1.50	4	7,212
(1)	CF250X250-36	1.02	2075	1.50	5	6,918	9	CF255X250-36	1.36	2133	1.50	5	7,629
58.8	CF250X250-42	1.23	2195	1.50	5	7,359	64.7	CF255X250-42	1.64	2279	1.50	5	8,070
	CF250X250-48	1.45	2359	1.50	6	7,813		CF255X250-48	1.93	2505	1.50	6	8,770
65.0	CF250X250-54	1.66	2600	1.50	6	8,697	71.4	CF255X250-54	2.23	2801	1.50	6	9,469
	CF250X250-60	1.88	2836	1.50	7	9,592		CF255X250-60	2.52	3000	1.50	7	10,045
STD. CAPACITY SEVERE-DUTY	CF250X350-24	0.60	1658	1.50	3	\$ 7,064	HIGH CAPACITY SEVERE-DUTY	CF255X350-24	0.81	1735	1.50	3	\$ 8,206
SEVERE-DOTT	CF250X350-30	0.81	2080	1.50	4	7,518	SEVERE-BOTT	CF255X350-30	1.08	2240	1.50	4	8,451
	CF250X350-36	1.02	2179	1.50	4	7,961		CF255X350-36	1.36	2349	1.50	4	9,334
58.8	CF250X350-42	1.23	2308	1.50	4	8,402	64.7	CF255X350-42	1.64	2547	1.50	4	10,683
	CF250X350-48	1.45	2519	1.50	5	9,065		CF255X350-48	1.93	2810	1.50	5	12,106
65.0	CF250X350-54	1.66	2699	1.50	6	9,726	71.4	CF255X350-54	2.23	3034	1.50	6	12,805
	CF250X350-60	1.88	2929	1.50	6	13,087		CF255X350-60	2.52	3265	1.50	7	13,962

Wain-Roy Quick Change (Original, XLS)



CF Pin-On				Revers	ible 1.00 Add:)" BOCE,	Wain-Roy Quic	k Chang	e (Original, XLS)		Reversible BOCE	
DITCHING & GRADING	2DXH-48	1.10	1398	1.25	\$ 586	\$ 4,720	DITCHING & GRADING	48	0.75	1080	Standard	\$ 3,969
/ (©	2DXH-54	1.25	1480	1.25	616	4,967	//www.n/m	60	1.00	1110	Standard	4,393
50.0	3LDLF-60	0.85	835	1.25	635	4,532		66	1.15	1165	Standard	4,693
	2DXH-60	1.43	1562	1.25	635	5,215		72	1.23	1220	Standard	4,992
	2DXH-66	1.59	1660	1.25	653	5,464		84	1.45	1340	Standard	5,392
46.4	2DXH-72	1.78	1759	1.25	676	5,710						
	2DXH-84	2.09	1956	1.25	713	6,728						
Note: Optional dra	Note: Optional drain holes in side plate or backsheet.											





25MT (52,000 to 65,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

COUPLERS

CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price	CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price
QUICK-LATCH HYDRAULIC	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	1025	\$ 9,503	QUICK-LATCH MECHANICAL	Mechanical (with pin kit), includes "D-Ring"	1050	\$ 6,901
33.9 5.5	Jump latch		10,453	33.9 6.5	Jump latch		7,590

Pin Grabber Pin Kit				Wain-Roy Quick Change (X	LS)		
COUPLER PIN KIT		,		MANUAL RELEASE			
00	4P	140	\$ 768	Q WR	Manual release (Fits all Original and XLS style buckets and attachments)	650	\$ 4,992

Wain-Roy Quick Change (XLS) Wain-Roy Quick Change (XLS) HYDRAULIC RELEASE SWINGER W/ MANUAL BUCKET RELEASE Hydraulic coupler, Manual release pin kit and selected swinger coupler components 715 \$ 6.869 (Fits all Original and 1000 \$10.916 (Fits all Original and XLS style buckets XLS style buckets and attachments) and attachments) Note: Hydraulic components include valve, switch box & wiring, and hoses & Note: Dealer-supplied hydraulics. When providing the valve, controls & lines, be connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power. sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 24 inches wide. Digging depth is limited when a narrower bucket is used.

OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	1,915		

TOOTH STYLES

		Hamalay	Additional Tooth Availability (Price per Tooth)									
Edge Size	Standard	Hensley Generic	Hensley		CAT		Esco		Metalogenia			
1.50"	Manufacturer Specified Teeth & Adapter	_	X330	N/C	1U3351	\$ 46	V33SYL	\$ 85	MG20U MG30U	\$ 37 \$ 85		
2.00" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 17	X370	\$ 93	9W8452	\$ 165	V39SYL	\$ 80	MG40U	\$ 147		

Note: Additional genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.	For Wain-Roy Adapters & Conversion Kits, see page 2-38.
For Thumbs (Material Clamps), see page 2-36.	For Hydraulic Kit availability and pricing, contact Dealer Services.
For Grapples, see page 2-37.	





(65,000 to 95,000 LB) EXCAVATOR BUCKETS & COUPLERS

CATERPILLAR 328, 336 CX350

DEERE/HITACHI 350, 370

KOMATSU PC300, PC350 **TEREX** TXC300, TXC420

VOLVO EC290, EC360

Refer to pages 2-9 & 2-11 for additional manufacturers and models.

X150 Bucket: Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

X250 Bucket: More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

X350 Bucket: Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

Bucket Capacities: Bucket capacities are based on Industry Standard SAE J296 Heaped Capacity; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

- Bucket Capacity with Standard Teeth: Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with Flared Teeth: Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
STANDARD CAPACITY	CF300X150-24	0.81	1600	1.50	3	\$ 6,770	HIGH CAPACITY	CF305X150-24	0.87	1900	1.50	3	\$ 7,236
HEAVY-DUTY	CF300X150-30	1.08	1770	1.50	4	7,213	HEAVY-DUTY	CF305X150-30	1.18	2420	1.50	4	7,434
(F) (P)	CF300X150-36	1.36	1872	1.50	4	7,865	(1)	CF305X150-36	1.49	2550	1.50	4	8,249
64.7	CF300X150-42	1.64	1998	1.50	5	8,750	70.4	CF305X150-42	1.82	2710	1.50	5	9,006
	CF300X150-48	1.93	2115	1.50	6	9,624		CF305X150-48	2.15	2815	1.50	6	10,056
71.4	CF300X150-54	2.23	2215	1.50	6	10,720	73.9	CF305X150-54	2.49	2982	1.50	6	11,023
	CF300X150-60	2.52	2338	1.50	7	11,816		CF305X150-60	2.83	3089	1.50	7	11,862
	CF300X150-66	2.81	2451	1.50	7	12,386		CF305X150-66	3.17	3200	1.50	7	12,933
	CF300X150-72	3.10	2573	1.50	7	13,341		CF305X150-72	3.51	3141	1.50	7	13,715
STD. CAPACITY EXTRA	CF300X250-24	0.81	1836	2.00	3	\$ 7,107	HIGH CAPACITY EXTRA	CF305X250-24	0.87	2400	2.00	3	\$ 7,340
HEAVY-DUTY	CF300X250-30	1.08	1942	2.00	4	7,505	HEAVY-DUTY	CF305X250-30	1.18	2516	2.00	4	7,538
(1)	CF300X250-36	1.36	2057	2.00	4	7,982	(1)	CF305X250-36	1.49	2781	2.00	4	8,400
64.7	CF300X250-42	1.64	2210	2.00	5	8,786	70.4	CF305X250-42	1.82	3020	2.00	5	9,303
	CF300X250-48	1.93	2324	2.00	5	9,660		CF305X250-48	2.15	3218	2.00	5	10,281
71.4 —	CF300X250-54	2.23	2557	2.00	6	10,906	73.9	CF305X250-54	2.49	3562	2.00	6	11,850
	CF300X250-60	2.52	2700	2.00	6	11,990		CF305X250-60	2.83	3660	2.00	6	12,881
	CF300X250-66	2.81	2910	2.00	6	12,502		CF305X250-66	3.17	3800	2.00	6	13,109
	CF300X250-72	3.10	3140	2.00	7	13,703		CF305X250-72	3.51	4028	2.00	7	14,308
STD. CAPACITY SEVERE-DUTY	CF300X350-24	0.81	2220	2.00	3	\$ 7,388	HIGH CAPACITY SEVERE-DUTY	CF305X350-24	0.87	2580	2.00	3	\$ 8,262
19	CF300X350-30	1.08	2414	2.00	3	8,016	(B)	CF305X350-30	1.18	2850	2.00	3	8,530
64.7	CF300X350-36	1.36	2578	2.00	4	8,262	70.4	CF305X350-36	1.49	3024	2.00	4	9,252
	CF300X350-42	1.64	2897	2.00	4	9,066		CF305X350-42	1.82	3343	2.00	4	10,277
71.4	CF300X350-48	1.93	3049	2.00	5	9,939	73.9	CF305X350-48	2.15	3469	2.00	5	11,058
	CF300X350-54	2.23	3298	2.00	5	11,326		CF305X350-54	2.49	3720	2.00	5	12,677
	CF300X350-60	2.52	3456	2.00	6	12,619		CF305X350-60	2.83	3965	2.00	6	13,900
	CF300X350-66	2.81	3584	2.00	6	13,633		CF305X350-66	3.17	4105	2.00	6	14,966
	CF300X350-72	3.10	3766	2.00	7	15,015		CF305X350-72	3.51	4322	2.00	7	16,405

Reversible 1.00" BOCE,

CF Pin-On Add:

DITCHING & GRADING	2DXH-48	1.10	1470	1.25	\$ 586	\$ 4,720
/®	2DXH-54	1.25	1570	1.25	616	4,967
50.0	2DXH-60	1.43	1660	1.25	635	5,215
	2DXH-66	1.59	1765	1.25	653	5,464
	2DXH-72	1.78	1850	1.25	676	5,710
46.4	2DXH-84	2.09	2040	1.25	713	6,728



Note: Optional drain holes in side plate or backsheet.



30MT (65,000 to 95,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

COUPLERS

CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price	CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price
QUICK-LATCH HYDRAULIC	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"		\$ 10,063	QUICK-LATCH MECHANICAL	Mechanical (with pin kit), includes "D-Ring"	1200	\$ 7,996
39.7 5.5	Jump latch		11,070	41.4 6.5	Jump latch		8,797
Die Grahhau Bie Kit							

Pin Grabber Pin Kit

COUPLER PIN KIT		,	
	5P	175	\$ 858
6			

OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	2,441		

TOOTH STYLES

		Heneley	Additional Tooth Availability (Price per Tooth)									
Edge Size	Standard	Hensley Generic	Hensley		CAT		Esco		Metalogenia			
1 50"	Manufacturer Specified Teeth & Adapter		V000	N/O	41.10050	0.04	V000VI	6.0 5	MG20U	\$ 37		
1.50"		_	X330 N/C	1U3352	\$ 64	V33SYL	\$ 85	MG30U	\$ 85			
2.00"	Manufacturer Specified Teeth & Adapter	_	X370	\$ 77	9W8452	\$ 148	V43SYL	\$ 103	MG40U	\$ 130		
2.00" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 17	X400	\$ 99	9W8452	\$ 165	V43SYL	\$ 80	MG40U	\$ 147		

Note: Additional genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.	For Wain-Roy Adapters, see page 2-38.
For Thumbs (Material Clamps), see page 2-36.	For Hydraulic Kit availability and pricing, contact Dealer Services.
For Grapples, see page 2-37.	





45MT (95,000 to 110,000 LB) EXCAVATOR BUCKETS & COUPLERS

 CASE
 CATERPILLAR
 DEERE/HITACHI
 KOMATSU
 TEREX
 VOLVO

 CX470
 345
 450
 PC400, PC450
 TXC480
 EC460

Refer to pages 2-9 & 2-11 for additional manufacturers and models.

X150 Bucket: Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

X250 Bucket: More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

X350 Bucket: Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

Bucket Capacities: Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

- Bucket Capacity with Standard Teeth: Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with Flared Teeth: Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
STANDARD CAPACITY	CF450X150-30	1.18	2114	2.00	4	\$ 7,486	HIGH CAPACITY	CF455X150-30	1.44	2800	2.00	4	\$ 8,395
HEAVY-DUTY	CF450X150-36	1.49	2559	2.00	4	7,943	HEAVY-DUTY	CF455X150-36	1.82	3024	2.00	4	8,860
(H)	CF450X150-42	1.82	2715	2.00	5	8,729	(1)	CF455X150-42	2.21	3343	2.00	5	9,783
70.4	CF450X150-48	2.15	2820	2.00	5	9,731	83.8	CF455X150-48	2.60	3522	2.00	5	11,117
1 / H ●)	CF450X150-54	2.49	2989	2.00	6	11,259	/ // ♥ /	CF455X150-54	3.00	3719	2.00	6	12,087
73.9	CF450X150-60	2.83	3095	2.00	6	12,062	95.6	CF455X150-60	3.40	3955	2.00	6	12,406
70.0	CF450X150-66	3.17	3211	2.00	6	12,501	33.0	CF455X150-66	3.81	4191	2.00	6	12,824
	CF450X150-72	3.51	3326	2.00	7	13,626		CF455X150-72	4.21	4366	2.00	7	13,761
	CF450X150-78	3.80	3441	2.00	7	14,795		CF455X150-78	4.57	4494	2.00	7	14,312
	CF450X150-80	3.91	3562	2.00	7	15,108		CF455X150-80	4.75	4598	2.00	7	14,494
STD. CAPACITY	CF450X250-30	1.18	2639	2.00	4	\$ 8,000	HIGH CAPACITY	CF455X250-30	1.44	2939	2.00	4	\$ 9,666
EXTRA HEAVY-DUTY	CF450X250-36	1.49	2776	2.00	4	8.504	EXTRA HEAVY-DUTY	CF455X250-36	1.82	3390	2.00	4	10,380
(+ + + + + + + + + + + + + + + + + + +	CF450X250-42	1.82	3032	2.00	5	9,283	(+ + + + + + + + + + + + + + + + + + +	CF455X250-42	2.21	3449	2.00	5	11,311
	CF450X250-48	2.15	3241	2.00	5	10,302		CF455X250-48	2.60	3629	2.00	5	12,153
70.4	CF450X250-54	2.49	3462	2.00	6	11,480	83.8	CF455X250-54	3.00	4135	2.00	6	13,001
	CF450X250-60	2.83	3683	2.00	6	12,270		CF455X250-60	3.40	4450	2.00	6	13,590
73.9	CF450X250-66	3.17	3725	2.00	6	12,782	95.6	CF455X250-66	3.81	4905	2.00	6	14,161
	CF450X250-72	3.51	3759	2.00	7	13,909		CF455X250-72	4.21	5256	2.00	7	14,704
	CF450X250-78	3.80	3802	2.00	7	14,304		CF455X250-78	4.57	5564	2.00	7	15,270
	CF450X250-80	3.91	3851	2.00	7	14,658		CF455X250-80	4.75	5796	2.00	7	15,471
STD. CAPACITY	054507050.00	1.10	0000	2.00	0	¢ 0 700	HIGH CAPACITY	054557050.00	1 11	0540	2.00	0	0.050
SEVERE-DUTY	CF450X350-30 CF450X350-36	1.18	2600 3024	2.00	3 4	\$ 8,798 9.128	SEVERE-DUTY	CF455X350-30 CF455X350-36	1.44 1.82	3542 3706	2.00	3 4	\$ 9,959 10.638
(H)	CF450X350-36 CF450X350-42	1.49 1.82	3343	2.00	4	9,128	(1)	CF455X350-36 CF455X350-42	2.21	4182	2.00		11,453
70.4	CF450X350-42 CF450X350-48	2.15	3522	2.00	4 5	11.072	83.8	CF455X350-42 CF455X350-48	2.60	4460	2.00	4 5	12,631
		2.13			-	,-						-	ŕ
73.9	CF450X350-54 CF450X350-60	2.49	3719 3955	2.00	5 6	12,813 13,830	95.6	CF455X350-54 CF455X350-60	3.00 3.40	4780 5210	2.00	5 6	14,150 14,544
70.0	CF450X350-60 CF450X350-66	2.03 3.17	4291	2.00	6	14,209	55.5	CF455X350-60 CF455X350-66	3.40	5510	2.00	6	15,973
	CF450X350-00 CF450X350-72	3.17	4627	2.00	7	15,336		CF455X350-66 CF455X350-72	4.21	5736	2.00	7	16,867
	CF450X350-72 CF450X350-78	3.80	4967	2.00	7	15,721		CF455X350-72 CF455X350-78	4.57	6015	2.00	7	17,798
	CF450X350-76 CF450X350-80	3.91	5292	2.00	7	16,087		CF455X350-76 CF455X350-80	4.75	6440	2.00	7	18,109
	01 400/000-00	0.81	J232	2.00	'	10,007		01 400/000-00	4.70	0440	2.00	1	10,109

Reversible 1.25" BOCE, Add:

CF Pin-On					Add:	
DITCHING & GRADING	3DH-48	1.36	2018	1.25	\$ 629	\$ 6,550
16	3DH-54	1.58	2130	1.25	658	7,363
53.4	3DH-60	1.74	2258	1.25	676	8,188
33.4	3DH-66	1.92	2401	1.25	695	8,435
	3DH-72	2.15	2544	1.25	713	8,682
53.4	3DH-78	2.36	2637	1.25	737	9,026
	3DH-84	2.56	2730	1.25	779	9,371
	3DH-96	2.97	2950	1.25	822	10,719
Note: Optional dra	ain holes in sid	e plate or backs	heet.			





45MT (95,000 to 110,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

COUPLERS

CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price	Pin Grabber Pin Kit	Style / Description	Wt. (lbs.)	List Price
QUICK-LATCH HYDRAULIC	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	1700	\$ 12,260	COUPLER PIN KIT	6P	225	\$ 972
40.2	Jump latch		13,487				

OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	2,586	Heavy-duty 6" Hensley "M" style side cutters (6 bolt)	1,082

TOOTH STYLES

		Hanalay	Additional Tooth Availability (Price per Tooth)									
Edge Size	Standard	Hensley Generic Hensley		CAT		Esco		Metalo	genia			
2.00"	Manufacturer Specified Teeth & Adapter	_	X400	\$ 83	9W8452	\$ 148	V43SYL	\$ 103	MG40U	\$ 130		
2.50" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 61	X475	\$ 287	9W8552	\$ 274	V51SYL	\$ 144	MG55U	\$ 134		

Note: Additional genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.	For Grapples, see page 2-37.
For Thumbs (Material Clamps), see page 2-36.	For Hydraulic Kit availability and pricing, contact Dealer Services.





60MT (110,000 to 160,000 LB) EXCAVATOR BUCKETS & COUPLERS

 CASE
 CATERPILLAR
 DEERE/HITACHI
 KOMATSU
 TEREX
 VOLVO

 CX700
 365
 650
 PC600
 TXC520
 EC700

Refer to pages 2-9 & 2-11 for additional manufacturers and models.

X250 Bucket: More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

X350 Bucket: Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

Bucket Capacities: Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

- Bucket Capacity with Standard Teeth: Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with Flared Teeth: Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
STD. CAPACITY EXTRA	CF600X250-36	1.97	5454	2.50	3	\$ 12,611	HIGH CAPACITY EXTRA	CF605X250-36	2.36	5868	2.50	3	\$ 13,145
HEAVY-DUTY	CF600X250-42	2.43	6036	2.50	4	13,992	HEAVY-DUTY	CF605X250-42	2.91	6314	2.50	4	14,230
(a)	CF600X250-48	2.90	6482	2.50	4	15,048	**	CF605X250-48	3.47	6534	2.50	4	15,471
83.8	CF600X250-54	3.38	6752	2.50	5	16,282	89.7	CF605X250-54	4.04	6892	2.50	5	16,509
95.6	CF600X250-60	3.86	7121	2.50	5	17,200	102.9	CF605X250-60	4.63	7273	2.50	5	17,679
00.0	CF600X250-66	4.35	7356	2.50	5	18,245	102.3	CF605X250-66	5.22	7593	2.50	5	18,763
	CF600X250-72	4.84	7593	2.50	6	18,941		CF605X250-72	5.81	7914	2.50	6	21,858
	CF600X250-78	5.37	7923	2.50	6	19,795		CF605X250-78	6.41	8410	2.50	6	22,658
	CF600X250-80	5.50	8260	2.50	6	20,925		CF605X250-80	6.60	8626	2.50	6	22,862
	CF600X250-84	5.81	8540	2.50	6	23,064		CF605X250-84	7.00	9025	2.50	6	25,788
	CF600X250-96	6.78	8988	2.50	7	24,614		CF605X250-96	8.18	10114	2.50	7	28,370

STD. CAPACITY SEVERE-DUTY	CF600X350-36	1.97	5985	3.00	3	\$ 15,631	HIGH CAPACITY SEVERE-DUTY	CF605X350-36	2.36	6600	3.00	3	\$ 17,335
(H) (H)	CF600X350-42	2.43	6440	3.00	4	16,862	(+	CF605X350-42	2.91	7150	3.00	4	18,512
83.7	CF600X350-48	2.90	6710	3.00	4	17,967	89.7	CF605X350-48	3.47	7480	3.00	4	19,911
	CF600X350-54	3.38	6980	3.00	5	19,480		CF605X350-54	4.04	7810	3.00	5	20,980
95.8	CF600X350-60	3.86	7390	3.00	5	20,620	102.9	CF605X350-60	4.63	8360	3.00	5	22,258
	CF600X350-66	4.35	7595	3.00	5	21,697		CF605X350-66	5.22	8910	3.00	5	22,781
	CF600X350-72	4.84	8690	3.00	6	22,210		CF605X350-72	5.81	9435	3.00	6	25,601
	CF600X350-78	5.37	9195	3.00	6	23,137		CF605X350-78	6.41	9784	3.00	6	26,131
	CF600X350-80	5.50	9460	3.00	6	24,587		CF605X350-80	6.60	9991	3.00	6	26,513
	CF600X350-84	5.81	9624	3.00	6	25,198		CF605X350-84	7.00	10125	3.00	6	27,345
	CF600X350-96	6.78	10160	3.00	7	26,156		CF605X350-96	8.18	10996	3.00	7	29,218





60MT (110,000 to 160,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

COUPLERS

CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price	Pin Grabber Pin Kit	Style / Description	Wt. (lbs.)	List Price
QUICK-LATCH HYDRAULIC	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	1900	\$ 22,417	COUPLER PIN KIT	6P	225	\$ 1,171
44.5	Jump latch		24,659				

OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price				
Vertical wear bars	N/C	Heavy-duty 6" Hensley "M" style side cutters (6 bolt)	\$ 1,082				
"Anti-clatter" bushing assembly	\$ 277						
Note: Ear blanks, side cutters and wear shrouds also available – contact Woods Construction at 1-800-848-3447 for a quote.							

TOOTH STYLES

		Hanalay	Additional Tooth Availability (Price per Tooth)										
Edge Size	Standard	Hensley Generic	Hen	sley	C/	AT .	Es	со	Metalo	genia			
2.50"	Manufacturer Specified Teeth & Adapter	_	X475	\$ 227	9W8552	\$ 214	V51SYL	\$ 84	MG55U	\$ 74			
3.00"	Manufacturer Specified Teeth & Adapter	_	X500	\$ 55	4T4702	\$ 252	V59SYL	N/C	MG80E	N/C			
3.00" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 227	X500	\$ 282	4T4702	\$ 479	V61SYL	\$ 528	MG80E	\$ 183			

Note: Additional genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.

For Hydraulic Kit availability and pricing, contact Dealer Services.





80MT (160,000 to 200,000 LB) EXCAVATOR BUCKETS & COUPLERS

CASE CX800 CATERPILLAR 385

DEERE/HITACHI 850 KOMATSU PC800

Refer to pages 2-9 & 2-11 for additional manufacturers and models.

X250 Bucket: More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

X350 Bucket: Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

Bucket Capacities: Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

- Bucket Capacity with Standard Teeth: Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with Flared Teeth: Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
STD. CAPACITY EXTRA	CF800X250-36	2.36	5668	2.50	3		HIGH CAPACITY HEAVY-DUTY	4.5BX-36	2.74	6100	2.50	3	
HEAVY-DUTY	CF800X250-42	2.91	6078	2.50	4		100	4.5BX-42	3.34	6552	2.50	4	
→	CF800X250-48	3.47	6345	2.50	4		95.6	4.5BX-48	3.95	6869	2.50	4	
89.7	CF800X250-54	4.04	6620	2.50	5			4.5BX-54	4.57	7491	2.50	5	•
102.9	CF800X250-60	4.63	7034	2.50	5		103.6	4.5BX-60	5.20	7843	2.50	5	•
102.5	CF800X250-66	5.22	7160	2.50	5			4.5BX-66	5.84	8195	2.50	5	
	CF800X250-72	5.81	7368	2.50	6			4.5BX-72	6.49	8339	2.50	6	
	CF800X250-78	6.40	8557	2.50	6			4.5BX-78	7.12	9610	2.50	6	•
	CF800X250-80	6.60	8857	2.50	6			4.5BX-80	7.36	9954	2.50	6	
	CF800X250-84	6.98	9210	2.50	6								
	CF800X250-96	7.94	9830	2.50	7								

■ Call for pricing.

STD. CAPACITY SEVERE-DUTY	CF800X350-36	2.36	7175	3.00	3	HIGH CAPACITY SEVERE-DUTY	4.5BXES-36	2.74	7607	3.00	3	
(+)	CF800X350-42	2.91	7691	3.00	4	1000	4.5BXES-42	3.34	8165	3.00	4	
89.7	CF800X350-48	3.47	8830	3.00	4	95.6	4.5BXES-48	3.95	8754	3.00	4	
	CF800X350-54	4.04	8774	3.00	5		4.5BXES-54	4.57	9645	3.00	5	•
102.9	CF800X350-60	4.63	9405	3.00	5	103.6	4.5BXES-60	5.20	10214	3.00	5	•
	CF800X350-66	5.22	10033	3.00	5		4.5BXES-72	6.49	11633	3.00	6	•
	CF800X350-72	5.81	10662	3.00	6		4.5BXES-80	7.36	12416	3.00	6	•
	CF800X350-78	6.40	11275	3.00	6							
	CF800X350-80	6.60	11419	3.00	6							
	CF800X350-84	6.98	11914	3.00	7							
	CF800X350-96	7.94	13170	3.00	8							

■ Call for pricing.





80MT (160,000 to 200,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

COUPLERS

CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price	Pin Grabber Pin Kit	Style / Description	Wt. (lbs.)	List Price
QUICK-LATCH HYDRAULIC	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	2402	\$ 24,819	COUPLER PIN KIT	6P	225	•
48.5	Jump latch		25,842				

■ Call for pricing.

OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price					
Vertical wear bars	N/C	Heavy-duty 6" Hensley "M" style side cutters (6 bolt)	\$ 1,082					
"Anti-clatter" bushing assembly	\$ 277							
Note: Ear blanks, side cutters and wear shrouds also available – contact Woods Construction at 1-800-848-3447 for a quote.								

TOOTH STYLES

		Henslev		A	Additional T	ooth Availa	ability (Price	e per Tooth	1)	
Edge Size	Standard	Generic	Hen	sley	C/	AT .	Esc	СО	Metalo	genia
2.50"	Manufacturer Specified Teeth & Adapter	_	X475	\$ 227	9W8552	\$ 214	V51SYL	\$ 84	MG55U	\$ 74
3.00"	Manufacturer Specified Teeth & Adapter	_	X500	\$ 55	4T4702	\$ 252	V61SYL	\$ 301	MG80E	N/C
3.00" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 227	X500	\$ 282	4T4702	\$ 479	V61SYL	\$ 528	MG80E	\$ 183

Note: Additional genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.

For Hydraulic Kit availability and pricing, contact Dealer Services.





120MT & Above (200,000 LB +) EXCAVATOR MINING / MASS EXCAVATION

Central Fabricators (CF) has been building buckets for mining and mass excavation applications for nearly 20 years. We are the second largest producer of these large buckets in North America. CF bucket sizes range from 6 to 50 cubic yards and our buckets are used in numerous mining and mass excavation projects around the world.

We routinely produce large buckets for the Hitachi EX1200, EX1900, EX2500, EX3600, and EX5500 sized machines and we build buckets for other brands and similar size machines as well. CF buckets enjoy a well-earned reputation for high productivity, high durability, and being rebuildable in extreme duty applications. Our current designs reflect numerous productivity and durability improvements based upon our many years of field experience.

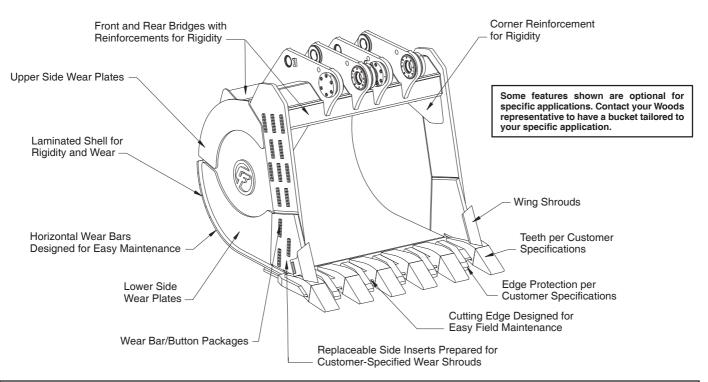
Certain applications are more abrasive on welds; we've used our experience to protect these welds from premature erosion. We know just where to place additional material and wear protection so the bucket provides a longer service life. CF design and manufacturing expertise makes each bucket structurally stronger, which provides long structural integrity. We also manufacture our buckets to be more easily rebuildable in the field.

There are many critical manufacturing approaches required to properly produce buckets with large material thickness; CF has the necessary equipment, processes, and trained people to make these buckets endure in the field. Our buckets are produced by certified welders. We use our wealth of field feedback and Finite Element Analysis by our engineers to improve and confirm our design concepts.

We have numerous repeat customers ... the best possible testimony to the value and satisfaction our customers enjoy with our large CF mining and mass excavation buckets.

Shown below is a line drawing of one of our many large mining and mass excavation buckets. There are numerous features incorporated into our design that allows the bucket to be tailored to the specific application. Below the drawing is a listing of some of the many options available to tailor a bucket to your specific application. There are other companies that make an occasional large bucket every two or three years, but if you or your customer needs a large 6 – 50 cubic yard bucket, talk to CF. We make large buckets every week, every month ... we know large buckets.

Call your Woods CE sales representative or the Woods CF Kronenwetter, WI sales office for assistance when tailoring a bucket to your customer's needs.



STANDARD ITEMS

- Standard double bottom with a replaceable outside bottom "liner" design
- · Shell extended to reduce weld erosion
- · Replaceable side inserts for easy maintenance
- All parts available for customer replacement on engineered products
- · Standard Black or OEM specified colors

AVAILABLE MINING BUCKET OPTIONS

- Double bottom provides a replaceable inside "liner" design (Spare liner sold separately)
- Custom widths to meet your special production or material capacity requirements
- · Internal wear bars
- · Custom refurbishment and/or modifications per customer request
- Aggressive material package (Side edge, cutting edge, and side wear plate protection packages)

AVAILABLE MINING BUCKET OPTIONS (Continued)

- Side wear packages (Either or both sides clad in a wearresistant material)
- · Coal bucket designs with smooth/level bottoms
- Underwater digging packages (Dependent on site and equipment requirements)
- · Ripper attachment packages
- · Semi spade nose bucket package
- · Straddle adapter set-ups (Per customer request)
- Spare cutting edge assembly package (Includes teeth and adapters where applicable)
- Replaceable side leading edge packages ("Rambo bars") made of high wear resistant material
- Hard-facing of wearing surfaces per customer specifications
- Cutting edge protection packages applied per customer specifications

LET OUR EXPERIENCED DESIGN ENGINEERS WORK ON YOUR CUSTOM APPLICATIONS TO INCREASE YOUR MINING EFFICIENCY





120MT & Above (200,000 LB +) EXCAVATOR MINING / MASS EXCAVATION (Continued)



CF BUCKETS (120MT - 190MT)

HITACHI EX1200 (120MT) EX1900 (190MT) KOMATSU PC1250 (120MT) PC2000 (190MT) LIEBHERR R974, R984 (120MT) TEREX RH30, RH40 (120MT) RH90 (190MT)



Refer to page 2-11 for additional manufacturers and models.

120MT	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	120MT	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	5BX-48	3.8	8873	3.00	4			5BXES-48	3.8	9974	3.00	4	
	5BX-54	4.5	9596	3.00	5			5BXES-54	4.5	10687	3.00	5	
	5BX-60	5.1	9891	3.00	5			5BXES-60	4.8	10999	3.00	5	
	5BX-72	6.4	11799	3.00	6			5BXES-66	5.5	11573	3.00	6	
	5BX-80	7.3	13305	3.00	6			5BXES-72	6.1	12977	3.00	6	
HEAVOY BUTY	5BX-84	7.6	14598	3.00	7		EVEDENE DUTY	5BXES-80	7.0	13919	3.00	6	
HEAVY-DUTY	5BX-90	8.3	15769	3.00	7		EXTREME-DUTY	5BXES-84	7.4	15337	3.00	7	
	5BX-96	8.8	16117	3.00	7			5BXES-88	7.9	15938	3.00	7	
	5BX-100	9.3	17231	3.00	7			5BXES-90	8.1	16678	3.00	7	
	5BX-110	10.4	18869	3.00	7			5BXES-96	8.6	17011	3.00	7	
	5BX-126	12.0	19335	3.00	8			5BXES-100	9.3	17815	3.00	7	
								5BXES-110	10.0	19015	3.00	7	

■ Call for pricing.

120MT						120MT						
	6BH-42	3.4	7800	3.50	4		6BES-42	3.4	8190	3.50	4	
	6BH-48	4.1	8900	3.50	4		6BES-48	4.1	9345	3.50	4	
	6BH-54	4.8	10000	3.50	5		6BES-54	4.8	10500	3.50	5	
	6BH-60	5.5	11100	3.50	5		6BES-60	5.5	11655	3.50	5	
LIE AVOY BUTY	6BH-66	6.2	12400	3.50	6	EVEDEME DUTY	6BES-66	6.2	13020	3.50	6	
HEAVY-DUTY	6BH-72	7.0	13500	3.50	6	EXTREME-DUTY	6BES-72	7.0	14175	3.50	6	
	6BH-80	8.0	14600	3.50	6		6BES-80	8.0	15330	3.50	6	
	6BH-84	8.5	15900	3.50	7		6BES-84	8.5	16695	3.50	7	
	6BH-90	9.3	17000	3.50	7		6BES-90	9.3	17850	3.50	7	
	6BH-96	10.1	18100	3.50	7		6BES-96	10.1	19005	3.50	7	

Call for pricing.

190MT						190MT						
	7BX-48	5.0	12551	4.00	4							
	7BX-54	6.0	13421	4.00	4	HIGH CAPACITY	7BXES	15.7	28853	4.00	7	_
	7BX-57	6.5	14873	4.00	4	EXTREME SERVICE	/BXE2	15.7	20003	4.00	1	-
HEAVY DUTY	7BX-60	7.1	15689	4.00	4							
HEAVY-DUTY	7BX-67	8.0	17359	4.00	5							
	7BX-80	10.3	20917	4.00	6	LIGHT	7BXHD-119	19.0	31296	4.00	8	_
	7BX-104	14.0	27194	4.00	7	MATERIAL / COAL	/BXHD-119	19.0	31290	4.00	0	-
	7BX-108	14.8	28481	4.00	7							

■ Call for pricing.

190MT	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	190MT	Style / Width	Cap. Cu. Yd.	Wt. (Ibs.)	Lip Size (in.)	No. Teeth	List Price
EVEDENE DUTY	7BXES-104	14.0	28363	4.00	7		LONG BOTTOM	7BXES-112	16.0	34000	4.00	6	-
EXTREME-DUTY	7BXES-108	14.8	29485	4.00	7		LONG BOTTOM	/DXE3-112	16.0	34000	4.00	6	

Call for pricing.

Continued on following page.





120MT & Above (200,000 LB +) EXCAVATOR MINING / MASS EXCAVATION (Continued)



CF BUCKETS (250MT - 550MT)

HITACHI EX2500 (250MT) EX3600 (360MT) EX5500 (550MT) KOMATSU PC3000 (250MT) PC4000 (360MT) PC5500 (550MT)

LIEBHERR R9250, R9350 (250MT) R995 (360MT)

R996 (550MT)

TEREX RH120 (250MT) RH170 (360MT) RH200, RH340 (550MT)



Refer to page 2-11 for additional manufacturers and models.

250MT	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	250MT	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
CEVEDE DUTY	7BXES-116	14.4	35720	4.75	6		CDADE EDGE	7DVEC 100	00 F	41500	4 75	6	_
SEVERE-DUTY	7BXES-122	19.5	36988	4.75	6		SPADE EDGE	7BXES-122	20.5	41500	4.75	Ö	

■ Call for pricing.

360MT 360MT

SEVERE-DUTY	7BXES-156	29.0	51985	5.50	g.		LIGHT MATERIAL HEAVY-DUTY	7BXHD-172	31.0	45250	5.50	7	
OLVENE-DOTT	7 DALO-130	25.0	31303	5.50	J	-	LIGHT MATERIAL / COAL	7BXHD-172	35.0	51000	4.75	8	

Call for pricing.

550MT

F	EVERE-DUTY	154	38.0	69690	5.50	7	
		104	00.0	00000	0.00	,	_

Call for pricing.

COUPLERS, OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

CF Pin Grabber Coupler for 120MT	Style / Description	Wt. (lbs.)	List Price	Options and Additions	List Price
QUICK-LATCH HYDRAULIC	Hydraulic (with latch,			"D-Ring" bucket lifting eye (Optional)	•
33.3	hydraulic kit and pin kit), includes "D-Ring"		•	"Anti-clatter" bushing assembly (Per OEM Specifications)	•
Note: Ear blanks, side cutters and	wear shrouds also available -	- contact V	Voods Con	struction at 1-800-848-3447 for a quote.	

Call for pricing.

TOOTH OPTION STYLES

	120	ТМС	190	MT	250	ТМС	360	ТМС	550	DMT
Esco Style	V61	V69	V69	V71	V71	V81	V81	S110	S110	S130





EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS

SPECIALTY BUCKETS & ATTACHMENTS

Wain-Roy Pin-On	Weight Class	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	Cutting Edge Teeth	List Price	Weight Class	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	Cutting Edge Teeth	List Price
RIPPER		16	0.25	650	1.00	4			24	0.50	1975	1.50	3	
0		18	0.27	690	1.00	4		25MT	30	0.63	2245	1.50	3	
	9MT (16K – 22K)	24	0.33	800	1.00	5		(52K – 65K)	36	0.75	2465	1.50	3	
	(1011 ==14)	30	0.41	910	1.00	5			42	0.87	2685	1.50	4	
		36	0.49	1020	1.00	5								
		18	0.30	890	1.50	3			30	1.00	2750	2.00	3	
	12MT	24	0.46	1010	1.50	3		30MT (65K – 95K)	36	1.25	3300	2.00	3	
	(22K – 30K)	30	0.59	1310	1.50	4		(**************************************	42	1.50	3810	2.00	4	
		36	0.72	1640	1.50	5								
		18	0.30	1760	1.50	3			24	0.87	3958	2.00	3	
		20	0.37	1865	1.50	3		45MT	30	1.30	4883	2.00	3	•
	15MT	24	0.44	1975	1.50	3		(95K – 110K)	36	1.65	5860	2.00	3	•
	(30K – 41K)	30	0.58	2245	1.50	4			42	2.00	6671	2.00	3	•
		36	0.73	2465	1.50	5			30	1.24	6100	3.00	3	
		42	0.89	2680	1.50	5		60MT	36	1.65	6314	3.00	3	•
		20	0.44	1820	1.50	3		(110K – 160K)	42	2.12	6552	3.00	3	•
		24	0.50	1925	1.50	3			48	2.40	7233	3.00	4	•
	20MT (41K – 52K)	30	0.61	2083	1.50	4			36	2.83	6747	3.00	3	
		36	0.78	2183	1.50	5		80MT (160K – 200K)	42	3.45	7569	3.00	3	•
		42	0.94	2309	1.50	5		,	48	4.10	8017	3.00	4	

Note: Bucket sizes shown are nominal. The Ripper Bucket will cut approximately 2 inches more than the nominal advertised width. See excavator buckets, specific weight class section for tooth options available.

Call for pricing.

Wain-Roy QC (Original, XLS)	Weight Class	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	Cutting Edge Teeth	List Price	Weight Class	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	Cutting Edge Teeth	List Price
RIPPER		18	0.27	625	1.25	3	\$ 5,544	15MT (30K – 41K),	24	0.50	1385	1.50	3	\$ 11,763
	9MT	24	0.33	735	1.25	5	5,740	20MT (41K – 52K)	30	0.63	1600	1.50	5	12,204
	(16K – 22K)	30	0.41	850	1.25	5	5,937	and	36	0.75	1700	1.50	5	12,645
		36	0.49	960	1.25	5	6,133	25MT (52K – 65K)	42	0.89	1800	1.50	5	13,100
		18	0.30	820	1.25	3	7,715							
	12MT	24	0.46	950	1.25	3	8,144							
	(22K – 30K)	30	0.59	1245	1.25	5	8,366							
		36	0.72	1580	1.25	5	8,697							

Note: Bucket sizes shown are nominal. The Ripper Bucket will cut approximately 2 inches more than the nominal advertised width. See excavator buckets, specific weight class section for tooth options available.





EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS (Continued)

SPECIALTY BUCKETS & ATTACHMENTS (Continued)

Weight Class	Wain-Roy Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Opening (in.)	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Opening (in.)	List Price
9MT (16K – 22K)	JAW	24	0.39	920	51	\$ 11,836	JAW	24	0.39	875	51	\$ 9,910
and 12MT (22K – 30K)		30	0.52	1010	51	12,265		30	0.52	975	51	10,217
15MT (30K – 41K) and 20MT (41K – 52K)		36	0.74	1800	51	15,895		36	0.74	1800	51	13,970
Note: For Hydraulic Kit availability & pricing, contact Dealer Services. If you are providing the valve, controls & lines, be sure to use two 3450 PSI relief valves.												

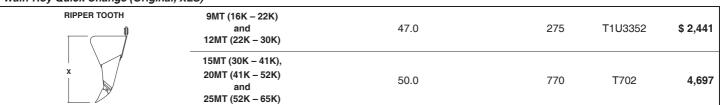
Wain-Roy Wain-Roy RIPPER TOOTH JAW ATTACHMENT 6' BACKFILL BLADE JAW ATTACHMENT 9MT (16K - 22K) 265 275 \$1,913 72 \$ 2,546 12MT (22K - 30K) 275 2,021 72 265 2,653

Weight Class	Wain-Roy Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	List Price	Wain-Roy QC (XLS)	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	List Price
	HYDRAULIC TILTING BUCKET	48	0.70	1180	\$ 8,285	HYDRAULIC TILTING BUCKET	48	0.70	1135	\$ 7,979
9MT (16K – 22K)		60	0.90	1367	8,614		60	0.90	1322	8,308
and 12MT (22K – 30K)		66	1.00	1445	8,702		66	1.00	1400	8,395
		72	1.10	1513	8,905		72	1.10	1468	8,597
15MT (30K – 41K), 20MT (41K – 52K)		60	1.00	1875	10,977		60	1.00	1830	10,671
and 25MT (52K - 65K)		72	1.13	2400	11,983		72	1.13	2355	11,677

Note: 45° rotation. Bolt-on edge standard. Excavator must be equipped with valve and lines down to end of dipperstick. Valve must have port reliefs. For Hydraulic Kit availability & pricing, contact Dealer Services.

CF Pin-On	Weight Class	Style / Width	Dim "X" (in.)	Dim "Y" (in.)	Wt. (lbs.)	Teeth	List Price
RIPPER TOOTH	9MT (16K – 22K)	CF1R-30	30.0	4.5	260	24 Series	\$ 1,588
	12MT (22K - 30K)	CF1.5R-36	36.0	9.6	658	25 Series	3,618
	15MT (30K – 41K)	2R-36	36.0	7.9	658	25 Series	3,850
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	20MT (41K - 52K)	2R-42	42.0	7.9	660	25 Series	3,966
x / /	25MT (52K - 65K)	2.5R-42	42.0	7.9	1000	35 Series	5,318
	30MT (65K - 95K)	2.5R-36	36.0	6.4	1050	35 Series	5,444
	45MT (95K – 110K)	3R-55	55.0	5.5	2201	35 Series	9,223
	60MT (110K - 160K)	4R-55	55.0	8.0	2600	39 Series	10,659
	80MT (160K – 200K)	4.5R-65	65.0	10.0	3100	39 Series	12,683
	120MT (200K +)	8R-55	55.0	17.5	4300	V71	32,335

Wain-Roy Quick Change (Original, XLS)







EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS (Continued)

SPECIALTY BUCKETS & ATTACHMENTS (Continued)

CF Pin-On	Weight Class	Style / Width	Dim "A" (in.)	Dim "B" (in.)	Dim "C" (in.)	Dim "D" (in.)	Wt. (lbs.)	No. Teeth	List Price	
PAVEMENT REMOVAL	12MT (22K – 30K)	2LPR-36	9.8 – 15.0	25.9	35.0 – 42.0	44.0	1675	5	•	
	15MT (30K – 41K)	36	9.8 - 15.0	28.8	35.0 – 42.0	51.3	1799	5		
	20MT (41K – 52K)	48	9.8 – 15.0	28.8	35.0 – 42.0	51.3	2017	6	•	
· \ /	25MT (52K – 65K)	48	9.8 – 15.0	28.8	35.0 – 42.0	51.3	2355	6		
	30MT (65K – 95K)	54	15.1 – 15.1	31.0	38.7 – 38.7	52.8	3720	5	•	
	45MT (95K – 110K)	60	15.1 – 15.1	31.0	38.7 – 38.7	52.8	4555	6		
Note: See excavator buckets, specific weight class section for tooth options available.										

■ Call for pricing.

Wain-Roy Quick Change (Original, XLS)

PAVEMENT SLAB	· · · · · ·	24	825	5	\$ 3,787			
REMOVAL	9MT (16K – 22K)	32	995	5	4,214			
		36	1080	5	4,711			
	4017 (0017 0017)	32	995	5	4,214			
	12MT (22K – 30K)	36	1080	5	4,711			
	15MT (30K - 41K), 20MT (41K - 52K) and 25MT (52K - 65K)	36	1600	5	10,851			
Note: See excavator buckets, specific weight class section for tooth options available.								

CF Pin-On		Weight Class	Style Round Bottom	Style Flat Bottom	Cap. Cu. Yd.	Cutting Edge Width (in.)	Top Width (in.)	List Price
SAND B	UCKETS	12MT (22K – 30K)	SBR25	SBF25	up to 1.5	up to 24	up to 24	
		15MT (30K – 41K)	SBR35	SBF35	1.0 - 3.0	24 – 48	24 – 48	
	FIN M	20MT (41K – 52K)	SBR45	SBF45	1.0 - 4.0	24 – 56	24 – 56	
		25MT (52K - 65K)	SBR52	SBF52	1.0 - 6.0	24 – 64	24 – 64	
		30MT (65K - 95K)	SBR70	SBF70	1.0 - 8.0	24 – 72	24 – 72	
Round Bottom	Flat Bottom	45MT (95K – 110K)	SBR100	SBF100	1.0 - 10.0	24 – 72	24 – 72	

■ Call for pricing.

CF Pin-On		Weight Class	Style (w/Teeth)	Style (w/o Teeth)		. Approx Wt. (w/o Teeth)		Cutting Edge Teeth	Teeth Per Side	List Price (w/Teeth)	List Price (w/o Teeth)
"V" BU	CKETS	12MT (22K – 30K)	VT25	V25	1080	960	0.25 - 0.75	2	3		
	2 22	15MT (30K – 41K)	VT35	V35	1585	1330	0.40 - 1.00	3	3		
		20MT (41K – 52K)	VT45	V45	2070	1590	0.50 - 1.35	3	4		•
		25MT (52K - 65K)	VT52	V52	3080	2195	0.75 - 2.00	4	5		
		30MT (65K – 95K)	VT70	V70	4390	3965	1.00 - 2.60	4	5		
With Teeth	Without Teeth	45MT (95K – 110K)	VT100	V100	5510	4915	1.45 – 4.10	5	5		

■ Call for pricing.





EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS (Continued)

SPECIALTY BUCKETS & ATTACHMENTS (Continued)

Wain-Roy QC (Original, XLS)	Weight Class	Style / Width	Wt. (lbs.)	No. Teeth	List Price	Wain-Roy QC (Original, XLS)	Weight Class	Style / Width	Wt. (Ibs.)	List Price
"V" DITCHING BUCKET	9MT (16K – 22K)	18 x 72 x 45°	617	3	\$ 3,348	5' GRADING & BACKFILL BLADE	9MT (16K – 22K)	60	235	\$ 1,851
The state of the s	12MT (22K – 30K)	18 x 72 x 45°	617	3	3,348		12MT (22K – 30K)	60	235	1,851
Note: See excavator b	uckets, specific weight	class section	for tooth o	options av	ailable.					

THUMBS (MATERIAL CLAMPS)

Central Fabricators Pin-On	Style	Wt. (lbs.)	List Price	Style	Wt. (lbs.)	List Price	Style	Wt. (lbs.)	List Price
12MT (22K – 30K)	RIGID, MAIN PIN (NO LINKS)	705	\$ 5,299	HYDRAULIC DIRECT, MAIN PIN (NO LINKS)	750	\$ 6,860	HYDRAULIC PROGRESSIVE (WITH LINKS)	1050	\$ 10,163
15MT (30K – 41K)		800	7,167		900	9,211		1100	10,977
20MT (41K – 52K)		965	8,682		1050	10,058		1200	11,889
25MT (52K - 65K)		1225	9,162		1300	10,378	~	1600	12,449
30MT (65K – 95K)	<i>C</i>	1520	10,224	CUSTOM DESIGN	1540	12,260	CUSTOM DESIGN	1920	13,271
45MT (95K – 110K)		2045	11,670		2190	13,997		2720	16,270

9MT (16K – 22K)	WELD-ON RIGID	480	\$ 3,817	WELD-ON HYDRAULIC	480	\$ 4,234
12MT (22K – 30K)		660	4,256		660	6,635
15MT (30K – 41K)	2 222	660	4,256		660	6,635
20MT (41K – 52K)		870	4,649		870	7,064
25MT (52K – 65K)	e v	1070	6,194	W.	1070	7,184
30MT (65K – 95K)		1370	6,230		1370	8,026
45MT (95K – 110K)		1504	7,752		1504	9,087

Wain-Roy Quick Change

9MT (16K – 22K)	WELD-ON HYDRAULIC	480	\$ 3,986	HYDRAULIC DIRECT, MAIN PIN (NO LINKS)	600	\$ 6,083	
12MT (22K – 30K)		615	6,635	CUSTOM	750	6,696	

Notes

- 1 Additional engineering / design charges may apply for specialized thumbs used with non CF, Gannon or Wain-Roy buckets and couplers.
- ² Weld-on thumbs are universal in design and are not custom fit to the host machine.
- 3 Questionnaire regarding bucket, coupler (if applicable) and stick criteria to be completed for main pin thumbs by dealer prior to order entry.

Hydraulic kits for thumbs are the responsibility of the dealership.





EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS (Continued)

GRAPPLES

			avy-Mater ne over 3-			lium-Mate ne over 4-		Light-Material (4-Tine over 5-Tine)		
Central Fabricators Pin-On		Style	Wt. (lbs.)	List Price	Style	Wt. (lbs.)	List Price	Style	Wt. (lbs.)	List Price
12MT (22K – 30K)	STIFF ARM MOUNT	CG1HD	1700		CG1MD	1750		CG1LM	1800	
15MT (30K – 41K)		CG2HD	2600		CG2MD	2700		CG2LM	2750	
20MT (41K - 52K)		CG3HD	3170		CG3MD	3300		CG3LM	3350	
25MT (52K - 65K)	AN	CG4HD	3765		CG4MD	3850		CG4LM	3900	
30MT (65K - 95K)		CG5HD	5265		CG5MD	5300		CG5LM	5265	
45MT (95K – 110K)		CG6HD	6150		CG6MD	6125		CG6LM	6000	
12MT (22K - 30K)	HYDRAULIC MOUNT	CG1HDH	1745		CG1MDH	1795		CG1LMH	1845	
15MT (30K – 41K)		CG2HDH	2700		CG2MDH	2800		CG2LMH	2850	
20MT (41K - 52K)		CG3HDH	3255		CG3MDH	3385		CG3LMH	3435	
25MT (52K - 65K)		CG4HDH	3840		CG4MDH	3925		CG4LMH	3975	
30MT (65K - 95K)	\sim (7'))	CG5HDH	5285		CG5MDH	5320		CG5LMH	5270	
45MT (95K - 110K)		CG6HDH	6295		CG6MDH	6270		CG6LMH	6145	

■ Call for pricing.

Wain-Roy QC (Original, XLS)	Weight Class	Width Across Teeth (in.)	Opening (in.)	Wt. (lbs.)	List Price	Wain-Roy QC (Original, XLS)	Weight Class	Width Across Teeth (in.)	Opening (in.)	Wt. (lbs.)	List Price
RIGID	9MT (16K – 22K)	35	84	1010	\$ 5,703	HYDRAULIC	9MT (16K – 22K)	32	72	1450	\$ 10,278
	12MT (22K - 30K)	35	84	1425	6,696		12MT (22K – 30K)	32	72	1450	10,278
/ \ \ \		Includes	Anchor Mou	inting Kit			15MT (30K – 41K)	32	72	1620	12,878
	If used w/Swinger,	Lockout Kit is	required, P/	N 108600	252	4 7					
RIGID	15MT (30K – 41K)	37	91	2430	\$ 11,647						
50	20MT (41K – 52K)	48	104	3000	12,731						
	25MT (52K – 65K)	48	104	3000	13,835						
		Includes	Anchor Mou	nting Kit							
	If used w/Swinger,	Lockout Kit is	required, P/	N 108732	558						

Hydraulic kits for grapples are the responsibility of the dealership.





EXCAVATOR ADAPTERS & CONVERSION KITS

WAIN-ROY ADAPTERS

Weight Class	Adapter	Model	Woods No.	Туре	Wt. (lbs.)	List Price
		_	009886 Original	Pin-On	175	\$ 1,291
	Universal	_	59958 XLS	Pin-On	175	1,564
	Olliversal	_	009569 Original	Weld-On	120	980
		_	46167 XLS	Weld-On	120	980
	For Alitec	CP16BH, CP18BH, CP24BH Planer	1003091	Bolt-On	215	1,357
	For Allied	740 Hy-Ram	009852	Pin-On	190	2,385
	For Allied	8700C, 8750C	009508	Pin-On	150	1,324
	For	H90C, B90, H70, B70, H63, H63S, B63S, B63	44099	Bolt-On	195	1,430
	Balderson-	H70S, H90Cs	1000224	Bolt-On	188	1,364
9MT (16K – 22K)	Caterpillar	H100, H100Cs	44093	Bolt-On	250	1,593
and	For Danuser	Auger	009094	Auger	140	1,396
12MT (22K – 30K)	For JCB	550 Hammer Master	1004049	Pin-On	278	1,644
	For Kent	KF12 TLB (Fits JD710)	1003211	Pin-On	270	1,733
	For Rammer	S24	009569	Weld-On	120	980
		BRH501(S), BRH400(S), BRH900, BRM900, 750, 625, 620, 450, 570	009565	Bolt-On	240	1,759
	For Tramac	100, 130, 140, 150, 300, 400, 470, 501, 570, 600, 620, 625, 700, 900, TR-9, TR-14, TR-21	1002285	Bolt-On	220	1,446
		BRH400(S), BRP130, BRP100, 125, 91, 76	009886	Pin-On	175	1,291
	For Teledyne	TB625CM, TB725CM	009886	Pin-On	175	1,291
	Roxon	TB625X, TB725X	1005925	Bolt-On	231	1,584
	Universal	_	009827 Original	Weld-On	275	2,206
	For	H115S, H120Cs, H130s, H140s, H100, H100s	1000282	Bolt-On	555	2,827
	Balderson- Caterpillar	MP20 CAT Processor	1000285	Bolt-On	555	2,835
		KF22, 35, 40, KHB 20, 30, 40G	1002243 Kent #12078	Pin-On	825	3,546
		KFHB15G	1002196 Kent #12076	Pin-On	830	3,543
15MT (30K - 41K)	For Kent	KF12	1003969	Bolt-On	600	2,680
through		KF12 Standard-Duty	1004032	Pin-On	752	3,375
25MT (52K - 65K)		KHP 225 Compactor	1005988	Pin-On	725	3,340
	For MBW	EXA24	1005900	Bolt-On	580	2,664
		V32, BRH501(S), BRH400(S), BRH900, BRM900, 750, 625, 620, 450, 570, 600	44740	Bolt-On	610	2,813
	For Tramac	V32, BRH 1100, 1200	009916	Bolt-On	610	2,975
		BRH501(S), BRH400(S), BRH900, BRM900, 750, 625, 620, 450, 570, 600	009918	Bolt-On	615	2,827
30MT (65K – 95K)	Universal	_	40205 XLS	Weld-On	450	3,561
<u> </u>	1	I .				

WAIN-ROY CONVERSION KITS

Description	Weight Class	Style / Width	Wt. (lbs.)	List Price	Description	Weight Class	Style / Width	Wt. (lbs.)	List Price
TO CONVERT OEM PIN-ON BUCKETS TO		18	60	\$ 397	TO CONVERT OEM PIN-ON BUCKETS TO		24	105	\$ 808
ORIGINAL SYSTEM		24	70	445	ORIGINAL SYSTEM		30	120	901
	9MT (16K – 22K) and	30	80	482		15MT (30K – 41K) through	36	140	949
	12MT (22K – 30K)	36	90	515		25MT (52K – 65K)	42	160	1,004
		48	105	569			48	180	1,089
		60	130	700	6		60	200	1,261
TO CONVERT ORIGINAL TO XLS BUCKETS	9MT (16K – 22K)				TO CONVERT OEM PIN-ON BUCKETS TO SERIES 2XLS SYSTEM	9MT (16K – 22K)	18 – 24		1,175
	and			225		and	24 – 36		1,261
	12MT (22K – 30K)					12MT (22K – 30K)	36 – 60		1,431





COMPACT EXCAVATOR BUCKETS & ATTACHMENTS

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Couplers	
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PLEASE NOTE:

- Bucket capacities are based on SAE J296 heaped capacity;
 bucket teeth are not included in this capacity calculation
 - Bucket and attachment weights may vary slightly from stated weights
 - Bucket and attachment dimensions may vary slightly from stated dimensions





KEY FEATURES: COMPACT EXCAVATOR BUCKETS & ATTACHMENTS



Gannon/Wain-Roy Heavy-Duty Buckets (HD)

Heavy-Duty Buckets are designed to handle clay, gravel, compacted soils and loose rock applications. Each HD bucket is designed to meet or exceed OEM specifications while improving machine efficiency and productivity. They are designed to improve bucket life when used in a more abrasive material application. HD buckets contain additional material to increase bucket durability while maintaining productivity. HD buckets also come in high capacity versions for increased material volume, resulting in improved productivity.

Gannon/Wain-Roy Severe-Duty Buckets (SD)

Our Severe-Duty Buckets are specially designed for durability in severe abrasion applications and high impact conditions. SD buckets incorporate high strength materials and heavier material thickness for extended bucket life, structural strength and durability. SD buckets are also available in high capacity versions.







Gannon/Wain-Roy General Purpose Ditching & Grading Buckets

Ditching & Grading Buckets are used for ditch cleaning, grading, backfilling and loose material loading applications. They feature a wide and shallow tub design that offers a shorter tip radius allowing for the increased width without losing material penetration. Ditching & Grading buckets are ideal for use in sand, topsoil, and other loose or soft materials.

Wain-Roy Severe-Duty Ripper Buckets

Ripper Buckets are used in wide variety of severe applications where material is being both ripped and removed. Rip and dig with one attachment to increase performance and efficiency. As the current pass is dug and removed, the next pass is ripped and prepared. Standard applications for Ripper Buckets would include: frozen ground, sandstone, limestone, caliche, shale, coral, and other severe materials.





Wain-Roy Heavy-Duty Jaw Buckets

Jaw Buckets provide the versatility of a trenching bucket and a thumb in one unit without having to weld thumb brackets onto the boom. Jaw Buckets are effective jobsite trenchers and haulers of cumbersome materials. Remove, load, and backfill material with the front jaw in the closed position and then use the hydraulically actuated jaw to pick and place large objects such as boulders, stumps, pipe, logs, concrete slabs and other debris. Jaw Buckets are an effective multi-use tool for construction applications.





Wain-Roy Heavy-Duty Tilting Buckets

Tilting Buckets rotate up to a total of 90 degrees, 45 degrees each side of center, for greater control and flexibility during ditch cleaning, grading, backfilling and loose material loading and unloading applications. The tilting mechanism allows the bucket to rotate at various angles in order to form the surface to the desired shape without repositioning the machine. This is especially beneficial when working along roadways or in tight operating conditions.



(Shown with coupler)



CF/Wain-Roy Severe-Duty Single Point Rippers

Single Point Rippers are designed for the most demanding ripping applications of rock, clay, coral, and frost. Our standard design incorporates a heavy-duty OEM ear group mounting, and is available in many standard shank lengths and widths. Our rippers are manufactured with high strength steel shanks and can be custom designed to meet specific applications.



Gannon/Wain-Roy Heavy-Duty Specialty Buckets

Specialty Buckets are offered for Cemetery/Bellhole, Pavement Removal, Pipe and Cribbing/Railroad applications. Trapezoid and "V" Buckets are also available. Standard products exist for the Specialty Bucket classification but can also be designed for your specific needs.





CF/Wain-Roy Heavy-Duty Thumbs/Material Clamps

Thumbs are used in conjunction with a bucket as an efficient method to handle bulk material in landscaping and clearing, demolition, recycling, waste management, utility, and general contracting applications. Thumbs offer pick and place movement of large, awkward objects such as boulders, stumps, pipe, logs, concrete slabs, and other debris. Several variations of thumb attachment methods and tines are available to meet specific requirements.

Wain-Roy Heavy-Duty Coupler Grapples

Grapples provide an efficient method of handling, recycling, and debris removal in land clearing, demolition, and landscape applications. We offer a stiff arm mount with single claw movement or a hydraulic configuration in which both claws can be operated independently. Our grapples can be used in conjunction with mechanical or hydraulic quick latch systems.







KEY FEATURES: COMPACT EXCAVATOR COUPLERS



Gannon Quick Change Coupler

"Blank hook" design enables the coupler to attach entirely to the outside of the bucket for full-bucket capacity. No tools are required to attach it to virtually any OEM compact excavator.



CF Mechanical Quick Latch Coupler

The CF mechanical coupler offers a lightweight, yet durable design for your most demanding coupler requirements. The coupler design allows a simple method to quickly switch attachments on a machine. A manual locking pin securely locks the attachment to the coupler. Couplers are custom designed to fit Woods manufactured or OEM attachments. Optional jump latches allow machines to adapt to different manufacturers attachments and provide greater flexibility between machines and attachments on the job site.



Gannon Eliminator Manual Quick Coupler

The Eliminator manual quick coupler is designed for use with all Wain-Roy Original buckets and attachments. The manual coupler provides a simple and quick method to change excavator buckets and attachments. Maintaining close to the manufacturers pin-on performance specifications results in a near zero loss of breakout force. Eliminator coupler models are available to work with C&P, CAT, and Original Wain-Roy style buckets.

Wain-Roy XLS Coupler System

The Wain-Roy XLS coupler system allows the benefit of fast and efficient changing of excavator buckets and attachments while maintaining close to the manufacturers pin-on performance specifications. This results in a near zero loss of breakout force. The Wain-Roy XLS coupler system design significantly reduces the free play between the coupler and attachments. The design provides the close fit between coupler and attachments to be maintained through simple adjustments with hand tools and periodic shimming. The XLS coupler system is designed for use with Wain-Roy Original and XLS style buckets and attachments. The XLS coupler system is available in an easy-to-use manual or "operate from the seat" hydraulic release configuration.





Wain-Roy XLS Swinger Coupler System

Wain-Roy Swinger Couplers rotate up to a total of 90 degrees, 45 degrees each side of center, for greater control and flexibility of any quick change attachment system. Buckets and specialty attachments such as rippers, jaws, grapples, compactors and hammers can be rotated to the desired position to achieve maximum production. Greater tool and attachment positioning flexibility increases efficiency in any work area. The hydraulic cylinder is positioned to minimize movement and provide protection from debris and excessive wear.





COMPACT EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART

Classification	\Rightarrow	1/16 YARD < 4,500 lbs. HDM15-Series	1/8 YARD 4,500 – 9,000 lbs. HDM30-Series	1/8 YARD 9,000 – 12,500 lbs. HDM45-Series	1/4 YARD 12,500 – 16,000 lbs. HD1-Series
	Current Models	AX08-3, AX10u-4, AX17u-4	AX22u-4, AX27u-5F, AX30u-5F, AX35u-5F	AX40u-5F, AX50u-5F	
Airman	Vintage	AX05-2, AX08-2K, AX10u-2, AX15u-3, AX20u-3	AX27u-3, AX27u-4, AX30u-3, AX35u-3	AX40ui-3, AX50u-3	
Dahasa	Current Models	324, 418	325, 425, E32, E35	E42, E45, E50	E60
Bobcat	Vintage	316, 320, 322, 323	328, 331, 334, 335, 430	337, 341, 341G, 430ZHS, 435, 435ZHS	442, 442s
	Current Models	CX17B	CX27B, CX31B, CX36B	CX50B	
Case	Vintage	CX14	CX25, CX31, CX36	CX47	CX75SR
	Current Models	301.6C, 301.8C	302.5C, 303.5D CR	305D CR, 305.5D CR	307D, 308D CR, 308D CR SB
Caterpillar	Vintage	301.5, 301.6, 301.8	302.5, 303CR, 303C CR, 303.5, 303.5C CR	304CR, 304C CR, 304.5, 305CR, 305C CR	307, 308CR
	Current Models	CE08, CE15	CE25, CE35, CE35R	CE55	CE75
Coyote	Vintage		CE45		
Daewoo /	Current Models		DX27Z, DX30Z, DX35Z	DX55, DX55W	DX60R
Doosan	Vintage	S010, S015	S030P, S035, S35-V	S055VP, S55-V	S075-V, S70-V, S75-V
	Current Models		XT855	XT1600	
Ditch Witch	Vintage	MX9, MX15, MX182	MX202, MX272, MX352, XT850	MX45, MX502	
0-1-1	Current Models	153	283Z, 353, 373, 383Z	503Z	603
Gehl	Vintage	193, 223	253, 303		702, 753Z, 802
	Current Models	ZX17U-2	ZX27U-3, ZX35U-3	EX50U-3	ZX60USB-3
Hitachi	Vintage	EX17, EX17U	EX27, EX35, ZX27U, ZX27U-2, ZX35U-2	EX50, EX50U, Zaxis 650U-2	ZX80
Hyundai	Current Models	R16-7	35Z-7A, R22-7, R35Z-7, R36N-7	R55-7, R55-7A, R55W-7, R55W-7A	R75-7, R80-7, R80-7A
	Vintage	R15-7	R27Z-9, R28-7	R55-3, R55W-3	
	Current Models	9VX, 15VX	28N-3, 30NX-2, 35N-3, 35VX	40VXL, 55VX	55N-3, 65VX
IHI	Vintage	4J, 7J, 9NX-2, 12NX, 15NX-2, 16N, 17NE, 18N	20NX, 25NX-2, 28N-2, 35, 35N-2, 35NX-2, 40N	40NX, 45N, 45NX, 55J, 55NX	55N-2, 65NX
lon.	Current Models	8008, 8018 CTS, 8020 CTS	8025 ZTS, 8030 ZTS, 8035 ZTS, 8040 ZTS	8045 ZTS, 8055 RTS	8065 RTS
JCB	Vintage	8014 CTS, 8015, 8016 CTS, 8017, 8105-2	802, 802.4, 802.7, 803, 804, 8027, 8032	8052	8060
	Current Models	17D ZTS	27D ZTS, 35D ZTS	50D ZTS	60D
John Deere	Vintage	17 ZTS, 17C ZTS	27 ZTS, 27C ZTS, 35 ZTS, 35C ZTS, 110	50 ZTS, 50C ZTS	70, 70D, 75C, 80, 80C, 85, 190E

PLEASE NOTE:

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions





COMPACT EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART (Continued)

Classification	⇔	1/16 YARD < 4,500 lbs. HDM15-Series	1/8 YARD 4,500 – 9,000 lbs. HDM30-Series	1/8 YARD 9,000 – 12,500 lbs. HDM45-Series	1/4 YARD 12,500 – 16,000 lbs. HD1-Series
	Current Models	17SR-3	27SR-3, 35SR-3	50SR-3	
Kobelco	Vintage	13SR GK, 17SR	25SR, 25SR-2, 27SR-2, 30SR-2, 30SR-3	45SR-2	70SR, 80CS
	Current Models	PC09-1, PC18MR-3	PC35MR-3	PC45MR-3, PC55MR-3	PC78US-8
Komatsu	Vintage	PC02-1, PC15MRX-1, PC18MR-2, PC20MR-2, PC20MRX-1	PC27MR-2, PC27MR-3, PC27MRX-1, PC30MR-2, PC30MR-3, PC35MR-2	PC40MR-2, PC50MR-2, PC58UU-3, PC59M	PC60-7, PC75UU-3, PC78MR-6, PC78US-6, PC78UU-6
	Current Models	K008-3, KX41-3V, U17	KX71-3S, KX91-3S2, U25S, U35S2	KX057-4, KX121-3S	KX080-3, KX161-3S, U45S, U55
Kubota	Vintage	13SR, U15	KH91, KX61-2S, KX71-3, KX91-2, KX91-3S, U25, U35	KH121, KX121-2, KX121-3	KH151, KH191, KX151, KX161-2, KX191, U45S
	Current Models	ME1503	ME2803ZT, ME3503, ME3703, ME3803ZT	ME5003ZT	ME5003ZT, ME6003, ME7503ZT, ME8003
Mustang	Vintage	ME15, ME1502, ME2203	ME25, ME35, ME2503, ME3003		ME5002, ME6002, ME6502, ME8002
	Current Models	E18.B	E27.B, E35.B	E50.B	
New Holland	Vintage	17SR, E9SR, E10SR, E18SR, EC15, EH15.B	27SR, 30SR, E30.B, EC25, EC35, EH25, EH35	50SR, EC45, EH45	EH70, EH80
	Current Models	TB016, TB108	TB138FR, TB228, TB235	TB153FR, TB250	TB175, TB180FR
Takeuchi	Vintage	TB014	TB025, TB035, TB23R, TB28FR, TB125, TB135	TB045, TB53FR, TB145, TB153	TB070, TB68S
Terex	Current Models	TC16 (HR1.6), TC20 (HR2.0)	TC25, TC29 (HR14), TC35 (HR16), TC37 (HR3.7)	TC48 (HR18), TC50 (HR5.0), TC60 (HR20)	TC75 (HR32)
	Vintage	HR1.5, HR11, HR12, HR13		TW70	
Thomas	Current Models				
Thomas	Vintage	T-15S, T-15V	T-25S, T-35S, T-45S		T75
Vermes	Current Models				
Vermeer	Vintage	CX216, CX218, CX219z	CX224, CX229, CX234	CX254	
Value	Current Models	EC15B, EC20C	EC35C, ECR28, ECR38	EC55C, ECR48C, ECR58	ECR88
Volvo	Vintage	EC17C, EC18C, EC20B	EC25, EC27C, EC30, EC35, EC45	EC55B, ECR58	
Vanmar	Current Models	SV08, Vi017	ViO20-3, Vi027-5, Vi035-5	Vi045-5B, Vi055-5B	
Yanmar	Vintage	B08-3, B15, SV08, ViO15-2	Vi027-5, Vi035-5	ViO40-2A, ViO40-3, ViO50-2A, ViO50-3	B7-5A, Vi075-A

PLEASE NOTE:

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions





1/16 yard (Less than 4500 lb.) COMPACT EXCAVATOR BUCKETS & COUPLERS

BUCKETS

Gannon Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Gannon Quick Change	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
HEAVY-DUTY	HDM15-9	0.59	65	0.625	2	\$ 702	HEAVY-DUTY	HDM15-9	0.59	57	0.625	2	\$ 653
	HDM15-12	1.08	77	0.625	3	765	(C)	HDM15-12	1.08	65	0.625	3	716
	HDM15-16	1.26	87	0.625	4	852		HDM15-16	1.26	75	0.625	4	777
GANNON	HDM15-18	1.45	92	0.625	4	878	14 / GANNON	HDM15-18	1.45	80	0.625	4	815
15	HDM15-20	1.75	100	0.625	4	941		HDM15-20	1.75	85	0.625	4	866
	HDM15-24	2.05	108	0.625	4	1,016	15	HDM15-24	2.05	92	0.625	4	903

Gannon Pin-On				Bolt-On Cutting Edge		Gannon Quick	Change			Bolt-On Cutting Edge	
DITCHING & GRADING	HDM15-30	2.25	135	Standard	\$ 991	DITCHING & GRADING	HDM15-30	2.25	130	Standard	\$ 866
14 GANNON	HDM15-36	3.00	150	Standard	1,091	14 GANON	HDM15-36	3.00	145	Standard	953

COUPLERS

Gannon Quick Change	Style / Description	Wt. (lbs.)	List Price
QUICK CHANGE			
O O	Quick Change	20	\$ 859

TOOTH STYLES

		OPTIONAL – CALL FOR PRICING & AVAILABILITY
	STANDARD	CAT Style
5/8" Edge	X156 Series Hensley Style	1U3202

Note: Genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

Additional charges may apply for bucket tooth upgrades, cutting edge/wear package enhancements and other non-standard bucket modifications.





1/8 yard (4,500 to 9,000 lb.) COMPACT EXCAVATOR BUCKETS & COUPLERS

BUCKETS

Gannon Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
HEAVY-DUTY	HDM30-10	1.4	163	0.75	3	\$ 682	HEAVY-DUTY	HDM30-10	1.4	155	0.75	3	\$ 694
	HDM30-12	1.6	168	0.75	3	743		HDM30-12	1.6	160	0.75	3	731
27.8	HDM30-16	2.5	184	0.75	3	804	28.6	HDM30-16	2.5	176	0.75	3	792
GANNON	HDM30-18	2.8	199	0.75	4	840		HDM30-18	2.8	190	0.75	4	828
GANNON	HDM30-20	3.4	213	0.75	4	889		HDM30-20	3.4	203	0.75	4	877
30.4	HDM30-24	4.0	246	0.75	5	926	31.6	HDM30-24	4.0	235	0.75	5	926
	HDM30-30	5.2	302	0.75	6	987		HDM30-30	5.2	296	0.75	6	974
	HDM30-36	6.4	362	0.75	7	1,145		HDM30-36	6.4	351	0.75	7	1,133
	Optional We	lded Side	Cutter	Extension	s, Add:	174		Optional We	lded Side	Cutter	Extensions	s, Add:	174
Gannon Pin-On							Wain-Roy Quick	Change (XLS	;)				

Gannon Pin-On							Wain-Roy Quic	k Change (XLS)					
CEMETERY / BELLHOLE	18-12	1.5	146	0.75	3	\$ 991	CEMETERY / BELLHOLE	1006242-12	2.0	198	0.75	3	\$ 972
BELLHOLE	18-18	2.5	180	0.75	4	1,170	1	1006242-16	3.0	211	0.75	3	1,091
	18-24	3.7	214	0.75	5	1,323	(2mlps)	1006242-18	3.5	225	0.75	4	1,152
17.5	18-30	4.9	252	0.75	6	1,425	\//	1006242-24	5.0	253	0.75	5	1,304
	18-36	6.0	291	0.75	7	1,530	\bigvee	1006242-30	6.5	281	0.75	6	1,407
27.0							Ä	1006242-36	8.0	295	0.75	7	1,511

Gannon Pin-On				Reversible BOCE		Wain-Roy Quick	Change (XLS))		Reversible BOCE	
DITCHING & GRADING	DGM45-24	4.0	252	Standard	\$ 1,291	DITCHING & GRADING	DGM45-24	4.0	238	Standard	\$ 999
© N	DGM45-30	5.2	298	Standard	1,389		DGM45-30	5.2	283	Standard	1,060
	DGM45-36	6.4	354	Standard	1,498	18	DGM45-36	6.4	338	Standard	1,169
GANNON 18	DGM45-42	7.6	403	Standard	1,644		DGM45-42	7.6	388	Standard	1,291
25	DGM45-48	8.8	454	Standard	1,754	├── 25 ── 	DGM45-48	8.8	438	Standard	1,413
Note: Optional drain holes in side plate or backsheet.						Note: Optional drain	n holes in side pla	ate or bac	ksheet.		

COUPLERS

CF Mechanical Quick Latch	Style / Description	Wt. (lbs.)	List Price	CF Direct Pin	Style / Description	Wt. (lbs.)	List Price
MECHANICAL QUICK COUPLER	Mechanical (with pin kit)	85	\$ 2,060	DIRECT PIN COUPLER	Mechanical (with single pin kit)	54	\$ 1,220
18	Jump latch		2,266	18	Jump latch		1,343
COUPLER PIN KIT		47	219	COUPLER PIN KIT (SINGLE PIN)		15	110

MANUAL RELEASE Manual release (Accepts 025, 026, 027 style buckets and attachments)	MANUAL RELEASE Manual release (Fits all Original and XLS style buckets and attachments) Manual release (Fits all Original and ALS style buckets and Attachments)
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TOOTH STYLES

		OPTIONAL – CALL FOR PRICING & AVAILABILITY
	STANDARD	CAT Style
3/4" Edge	X156 Series Hensley Style	1U3202

Note: Genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 1-12 to 1-13.	For Wain-Roy Adapters, see page 1-14.
For Thumbs (Material Clamps), see page 1-13.	

Additional charges may apply for bucket tooth upgrades, cutting edge/wear package enhancements and other non-standard bucket modifications.





1/8 yard (9,000 to 12,500 lb.) COMPACT EXCAVATOR BUCKETS & COUPLERS

BUCKETS

Gannon Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Wain-Roy QC (XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
HEAVY-DUTY	HDM45-12	2.5	205	0.75	3	\$ 1,084	HEAVY-DUTY	HDM45-12	2.5	190	0.75	3	\$ 780
	HDM45-16	3.4	245	0.75	3	1,121		HDM45-16	3.4	214	0.75	3	840
33.8	HDM45-18	4.2	253	0.75	4	1,145	I make	HDM45-18	4.2	238	0.75	4	865
	HDM45-24	6.0	302	0.75	5	1,291	35.3	HDM45-24	6.0	284	0.75	5	962
	HDM45-30	8.1	350	0.75	6	1,389		HDM45-30	8.1	330	0.75	6	1,072
34.8	HDM45-36	10.1	398	0.75	7	1,583	35.0	HDM45-36	10.1	374	0.75	7	1,194
	Optional We	elded Side	Cutter I	Extensions	s, Add:	174		Optional We	lded Side	Cutter I	Extensions	s, Add:	174
Gannon Pin-On							Wain-Roy Quick	Change (XLS	5)				
CEMETERY / BELLHOLE	18-12	1.5	146	0.75	3	\$ 991	CEMETERY / BELLHOLE	1006242-12	2.0	198	0.75	3	\$ 972
BELLHOLE	18-18	2.5	180	0.75	4	1,170	(L	1006242-16	3.0	211	0.75	3	1,091
	18-24	3.7	214	0.75	5	1,323	Strategic /	1006242-18	3.5	225	0.75	4	1,152
17.5	18-30	4.9	252	0.75	6	1,425	\ / /	1006242-24	5.0	253	0.75	5	1,304
	18-36	6.0	291	0.75	7	1,530		1006242-30	6.5	281	0.75	6	1,407
27.0							A	1006242-36	8.0	295	0.75	7	1,511
Gannon Pin-On				Revers BOC			Wain-Roy Quick	Change (XLS	;)		Revers BO		
DITCHING & GRADING	DGM45-24	4.0	252	Stand	ard	\$ 1,291	DITCHING & GRADING	DGM45-24	4.0	238	Stand	dard	\$ 999
© O	DGM45-30	5.2	298	Stand	ard	1,389		DGM45-30	5.2	283	Stand	dard	1,060
18	DGM45-36	6.4	354	Stand	ard	1,498	18	DGM45-36	6.4	338	Stand	dard	1,169

COUPLERS

1,644

1,754

CF Mechanical Quick Latch	Style / Description	Wt. (lbs.)	List Price	CF Direct Pin	Style / Description	Wt. (lbs.)	List Price
MECHANICAL QUICK COUPLER	Mechanical (with pin kit)	150	\$ 2,343	DIRECT PIN COUPLER O O O	Mechanical (with single pin kit)	98	\$ 1,258
18	Jump latch		2,577	18	Jump latch		1,383
COUPLER PIN KIT		55	267	COUPLER PIN KIT (SINGLE PIN)		18	134

Gannon Eliminator Wain-Roy Quick Change (XLS)

Standard

Standard

o.a	011 2 11111111111111				Train noy daton onlinge	(ALO)		
	MANUAL RELEASE	Manual release (Accepts 025, 026, 027 style buckets and attachments)	70	\$ 879	MANUAL RELEASE	Manual release (Fits all Original and XLS style buckets and attachments)	70	\$ 879

TOOTH STYLES

		OPTIONAL – CALL FOR PRICING & AVAILABILITY
	STANDARD	CAT Style
3/4" Edge	X156 Series Hensley Style	1U3202

Note: Genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 1-12 to 1-13.	For Wain-Roy Adapters, see page 1-14.
For Thumbs (Material Clamps), see page 1-13.	

Additional charges may apply for bucket tooth upgrades, cutting edge/wear package enhancements and other non-standard bucket modifications.



DGM45-42

DGM45-48

Note: Optional drain holes in side plate or backsheet.

7.6

8.8

403

454



1,291

1,413

7.6

8.8

DGM45-48

Note: Optional drain holes in side plate or backsheet

388

438

Standard

Standard

1/4 yard (12,500 to 16,000 LB) COMPACT EXCAVATOR BUCKETS & COUPLERS

BUCKETS

Gannon Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
EXTRA HEAVY-DUTY	HD1-12	3.3	299	1.00	3	\$ 1,041	EXTRA HEAVY-DUTY	HD1-12	3.3	245	1.00	3	\$ 945
HEAVI-DOTT	HD1-16	4.2	330	1.00	3	1,107	HEAVY-DOTY	HD1-16	4.2	295	1.00	3	1,018
34.7	HD1-18	5.0	353	1.00	4	1,159	/ /	HD1-18	5.0	310	1.00	4	1,055
34.7	HD1-24	7.2	415	1.00	5	1,314	38.5	HD1-20	6.1	347	1.00	4	1,141
	HD1-30	9.5	470	1.00	5	1,445		HD1-24	7.2	370	1.00	5	1,202
38.5	HD1-36	11.8	525	1.00	6	1,601	37.8	HD1-30	9.5	425	1.00	5	1,325
								HD1-36	11.8	475	1.00	6	1,472
							•						

Gannon Pin-On **EXTRA** STR1-12 2.8 250 1.00 3 \$1,243 **HEAVY-DUTY** STR1-16 293 3 1,308 3.6 1.00 STR1-18 4.2 310 1.00 4 1,360 STR1-24 6.0 364 1.00 5 1,471 STR1-30 7.8 415 1.00 5 1,581

9.7

465

1.00

Reversible

6

1,711

Note: Designed for zero tail spin machines.

STR1-36

Wain-Roy Quick Change (Original, XLS)

EXTRA STR1-12 2.8 235 1.00 3 \$	
STR1-16 3.6 278 1.00 3	1,220
STR1-18 4.2 295 1.00 4	1,270
^{34.8} / STR1-24 6.0 349 1.00 5	1,374
STR1-30 7.8 400 1.00 5	1,478
STR1-36 9.7 450 1.00 6	1,601

Note: Designed for zero tail spin machines.

Gannon Pin-On

HIGH CAP. EXTRA HEAVY-DUTY HC1-12 4.2 338 1.00 3 \$1,093 HC1-16 5.6 375 1.00 3 1,159 HC1-18 6.5 405 1.00 4 1,223 HC1-24 9.5 480 1.00 5 1,380 HC1-30 12.5 541 1.00 5 1,524 43.5 HC1-36 15.6 613 1.00 6 1,705

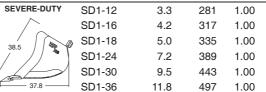
Wain-Roy Quick Change (Original, XLS)

			,			
HIGH CAP. EXTRA HEAVY-DUTY	HC1-12	4.2	298	1.00	3	\$ 993
	HC1-16	5.6	335	1.00	3	1,068
	HC1-18	6.5	365	1.00	4	1,104
44.1	HC1-24	9.5	435	1.00	5	1,251
	HC1-30	12.5	486	1.00	5	1,374
42.2	HC1-36	15.6	563	1.00	6	1,534

Gannon Pin-On

SEVERE-DUTY	SD1-12	3.3	321	1.00	3	\$ 1,159
	SD1-16	4.2	357	1.00	3	1,223
34.7	SD1-18	5.0	375	1.00	4	1,263
	SD1-24	7.2	434	1.00	5	1,419
	SD1-30	9.5	483	1.00	5	1,562
38.5	SD1-36	11.8	547	1.00	6	1,718

Wain-Roy Quick Change (Original, XLS)



Gannon Pin-O	า			BOCE	
DITCHING &	72N-30	5.3	340	Standard	\$ 1,528
GRADING	72N-36	7.3	383	Standard	1,610
	72N-42	8.8	430	Standard	1,803
21.3	72N-48	10.3	456	Standard	1,982
1 1 //	72N-54	11.7	510	Standard	2,202
	72N-60	13.2	545	Standard	2,381
25.5	72N-72	16.1	628	Standard	2,835

Note: Optional drain holes in side plate or backsheet.

	Wain-Roy QC (O	Priginal, XLS)			Reversible BOCE	
3	DITCHING &	30	6.1	310	Standard	\$ 1,349
)	GRADING	36	8.1	350	Standard	1,422
3	No.	42	9.6	390	Standard	1,595
2) / 22	48	11.1	435	Standard	1,754
2		54	12.5	480	Standard	1,951
ı	23	60	14.0	525	Standard	2,110

17.0

615

Note: 30" & 36" wide buckets use a different profile. Optional drain holes in side plate or backsheet.

72

Gannon Pin-O	n			(in.)	Teeth		Wain-Roy QC (Original, XLS)			(in.)	No. Teeth	
CEMETERY / BELLHOLE	02A-12	1.9	200	1.00	3	\$ 1,110	CEMETERY / BELLHOLE	12	2.0	165	1.00	3	\$ 1,395
© SELLHOLE	02A-18	2.8	250	1.00	4	1,278	0	16	2.7	185	1.00	3	1,446
	02A-24	4.2	325	1.00	5	1,446	Tourista /	18	3.0	195	1.00	3	1,472
19.4	02A-30	5.6	400	1.00	6	1,562		24	4.4	250	1.00	4	1,524
	02A-36	7.4	450	1.00	7	1,679		30	5.9	285	1.00	6	1,595
28.8	02A-38	7.9	468	1.00	7	1,808	4	36	7.3	330	1.00	7	1,666
	02A-40	8.4	476	1.00	8	1,898							





Standard

3

3

4

5

5

6

\$1,079

1,141

1,177

1,325

1,460 1,607

2,514

1/4 yard (12,500 to 16,000 LB) COMPACT EXCAVATOR BUCKETS & COUPLERS (Continued)

BUCKETS (Continued)

Wain-Roy Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
RIPPER	12	3.2	365	1.00	3		RIPPER	12	3.2	305	1.00	3	\$ 2,343
	16	4.3	445	1.00	5			16	4.3	340	1.00	5	2,551
	18	4.9	460	1.00	5			18	4.9	356	1.00	5	2,619
AND P	24	6.5	520	1.00	5			24	6.5	405	1.00	5	2,907
Note: Bucket sizes	Note: Bucket sizes shown are nominal. The Ripper Bucket will cut approximately 2 inches more than the nominal advertised width.												

■ Call for pricing.

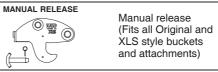
COUPLERS

CF Mechanical Quick Latch	Style / Description	Wt. (lbs.)	List Price	CF Direct Pin	Style / Description	Wt. (lbs.)	List Price
MECHANICAL QUICK COUPLER	Mechanical (with pin kit)	165	\$ 2,472	DIRECT PIN COUPLER	Mechanical (with single pin kit)	125	\$ 1,391
18	Jump latch		2,671	18	Jump latch		1,528
COUPLER PIN KIT		65	309	COUPLER PIN KIT (SINGLE PIN)		23	154

Gannon Eliminator

MANUAL RELEASE Manual release (Fits all Original style buckets and attachments, 198 \$1,146 also accepts 030 style buckets and attachments)

Wain-Roy Quick Change (XLS)



Wain-Roy Quick Change (XLS)

Wain-Roy Quick Change (XLS)



Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)

175 **\$ 3,435**

SWINGER W/ MANUAL BUCKET RELEASE

Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)

240 **\$ 3,557**

150 \$1,146

Note: Hydraulic components include valve, switch box & wiring, and hoses & connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.

Note: Dealer-supplied hydraulics. When providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 18 inches wide. Digging depth is limited when a narrower bucket is used.

Wain-Roy Direct Pin

SWINGER COUPLER W/DIRECT PIN COUPLER INTERFACE



Mechanical, with single pin kit

240 \$3,557

TOOTH STYLES

		.000220						
		OPTIONAL – CALL FOR PRICING & AVAILABILITY						
	STANDARD	Hensle	y Style	CAT	Style			
1" Edge	#23 Series Hensley Style	#23 Series	Top Pin	1U3202	CAT 23			

Note: Genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 1-12 to 1-13. For Thumbs (Material Clamps), see page 1-13.

For Wain-Roy Adapters & Conversion Kits, see page 1-14.
For Hydraulic Kit availability and pricing, contact Dealer Services.

For Grapples, see page 1-13.

Additional charges may apply for bucket tooth upgrades, cutting edge/wear package enhancements and other non-standard bucket modifications.





COMPACT EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS

SPECIALTY BUCKETS & ATTACHMENTS

Weight Class	Wain-Roy Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Opening (in.)	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Opening (in.)	List Price
1/4 vd.	JAW	24	7.6	660	41	\$ 6,727	JAW	24	7.6	650	41	\$ 6,648
1/4 yd. (12.5K – 16K)		30	9.7	740	41	7,421		30	9.7	730	41	7,359
Note: For Hydraulic	Note: For Hydraulic Kit availability & pricing, contact Dealer Services. If you are providing the valve, controls & lines, be sure to use two 3450 PSI relief valves.											

	Wain-Roy			Wain-Roy			
	RIPPER TOOTH JAW ATTACHMENT			5' BACKFILL BLADE JAW ATTACHMENT			
1/4 yd. (12.5K – 16K)		180	\$ 1,177		60	165	\$ 1,312

Weight Class	Wain-Roy Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	List Price	Wain-Roy QC (XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	List Price
	TILTING BUCKET	24	4.0	470	\$ 3,986	TILTING BUCKET	24	4.0	440	\$ 3,802
1/8 yd.		36	6.2	530	4,201		36	6.2	500	4,022
(9K – 12.5K) HDM45		42	7.6	560	4,354		42	7.6	527	4,171
		48	8.8	560	4,477		48	8.8	557	4,292
1/4 yd. (12.5K – 16K)	TILTING BUCKET	48	11.9	865	6,127	TILTING BUCKET	48	11.9	788	5,881
HD1		60	15.1	1010	6,457		60	15.1	928	6,212

Note: 45° rotation. Bolt-on edge standard. Compact excavator must be equipped with valve and lines down to end of dipperstick. Valve must have port reliefs. For Hydraulic Kit availability & pricing, contact Dealer Services.

	CF Pin-On		No. Teeth			Wain-Roy QC (Origin	al, XLS)	No. Teeth		
	PAVEMENT SLAB REMOVAL	18	3	560	\$ 2,900	PAVEMENT SLAB REMOVAL	18	4	540	\$ 2,865
1/4 yd. * (12.5K – 16K)		24	4	596	3,071		24	4	575	3,044
		30	5	634	3,244		30	5	610	3,223
Note: See compact	excavator buckets, specific	weight class	section for toot	th options	available.					

^{* 1/8} yd. models available upon request. Call for pricing and availability.

Gannon Pin-On

Wain-Roy Quick Change (Original, XLS)

	RAILROAD / CRIBBING					RAILROAD / CRIBBING				
1/4 yd. (12.5K – 16K)	6	RR-8	2	205	\$ 1,399	Sanchag Sanchag	8	2	190	\$ 1,392
Note: See compact	excavator buckets, specific w	eight class sed	ction for too	oth options	available.		•	•		





COMPACT EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS (Continued)

SPECIALTY BUCKETS & ATTACHMENTS (Continued)

Weight Class	Wain-Roy QC (Original, XLS) **	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	List Price	Wain-Roy QC (Original, XLS) **	Style / Width	Wt. (Ibs.)	List Price
1/4 yd. * (12.5K – 16K)	"V" DITCHING BUCKET	12 x 56 x 45°	2	365	\$ 1,717	5' GRADING & BACKFILL BLADE	60	165	\$ 1,460
Note: See compact	excavator buckets, specific v	veight class sect	ion for too	th options	available.				

^{* 1/8} yd. models available upon request. Call for pricing and availability.

^{**} Pin-on bucket profiles available upon request. Call for pricing and availability.

	CF Pin-On	Teeth			Wain-Roy QC (Original, XLS)	Teeth		
1/8 yd. (4.5K – 9K)	RIPPER TOOTH		199	\$ 1,349	RIPPER TOOTH	1003035	106	\$ 1,338
1/8 yd. (9K – 12.5K)			199	1,349		1003035	106	1,338
1/4 yd. (12.5K – 16K)		009004	225	1,595		1005129	220	1,582

THUMBS (MATERIAL CLAMPS)

	Weight Class	CF Pin-On	Wt. (lbs.)	List Price	Wain-Roy Quick Change	Wt. (lbs.)	List Price	Wain-Roy Quick Change	Wt. (lbs.)	List Price
1/8	8 yd. (4.5K – 9K) HDM30	WELD-ON RIGID	118	\$ 1,104	WELD-ON HYDRAULIC	125	\$ 1,877	HYDRAULIC DIRECT, MAIN PIN (NO LINKS)	125	\$ 2,478
1/8	3 yd. (9K – 12.5K) HDM45	9	187	1,828		220	2,993		190	2,674
1/	4 yd. (12.5K – 16K) HD1		187	1,828		220	2,993	CUSTOM	350	3,446

Notes:

- ¹ Additional engineering / design charges may apply for specialized thumbs used with non CF, Gannon or Wain-Roy buckets and couplers.
- $^{\mathbf{2}}\,$ Weld-on thumbs are universal in design and are not custom fit to the host machine.
- ³ Questionnaire regarding bucket, coupler (if applicable) and stick criteria to be completed for main pin thumbs by dealer prior to order entry.

GRAPPLES

Weight Class	Wain-Roy QC (Original, XLS)	Opening (in.)	Width Across Teeth (in.)	Wt. (lbs.)	List Price	Wain-Roy QC (Original, XLS)	Opening (in.)	Width Across Teeth (in.)	Wt. (lbs.)	List Price
	HYDRAULIC	58	24	605	\$ 5,899	RIGID	60	24	695	\$3,164
1/4 yd. (12.5K – 16K)							Inclu	des Anchor Mour	nting Kit	
						If used w/Swinge	er, Lockout K	it is required, P/N	108621	215

Hydraulic kits for thumbs & grapples are the responsibility of the dealership.





COMPACT EXCAVATOR ADAPTERS & CONVERSION KITS

WAIN-ROY ADAPTERS

Weight Class	Adapter	Model	Woods No.	Type	(lbs.)	Price
	Universal	_	1001946 XLS	Weld-On	55	\$ 664
1/8 yd. (4.5K – 9K)	For Balderson-	Fit CAT attachments with the CAT 301.5 pin-on bucket spread	1003093	Pin-On	115	841
and 1/8 yd. (9K – 12.5K)	Caterpillar	Fit CAT attachments with the CAT 303.5 pin-on bucket spread	1003092	Pin-On	129	897
	For Teledyne Roxon	TTB225ME, TB235ME, TB275ME, TB285ME, TB325ME, TB335ME, TB425ME	1005851	Pin-On	129	1,079
		_	009850 Original	Pin-On	135	1,357
	Hairenal	_	59973 XLS	Pin-On	135	1,357
	Universal	_	009568 Original	Weld-On	95	897
		_	59972 XLS	Weld-On	95	897
	For Allied	710, 715, 725, 730, AR75LTS, AR75BCS	009850	Pin-On	135	1,357
		H90C, B90, H70, B70, H63, H63S, B63S, B63	009875	Bolt-On	175	1,150
	For	H70S, H90Cs	1000253	Bolt-On	190	1,260
	Balderson- Caterpillar	H-90, B-90, B-70, B-63	009873	Pin-On	150	1,487
		H70	1000283 includes pins	Pin-On	200	1,512
	For Danuser	Auger	009008	Auger	110	1,217
		Q360 & 360	009885	Pin-On	195	1,381
	For JCB	Q360 & 360 XLS	1005823	Pin-On	190	1,381
		550 Hammer Master	1005929	Pin-On	150	1,527
1/4 vd.	For Kent	KHP-65, KHB-3G, KHB-5G, KHP-8G, KHP-10G-std, F4, F6, F9, KHB-400	009850	Pin-On	135	1,357
(12.5K – 16K)	For McMillen	410, 450, 810, 850, 950, 975, 1310, 1350, 1450, 1475, 1800, 1810, 1850, 1950, 1975, 2250, 2450, 2475, 2750, 3450, 3550, 4450 Hex Drive	009008	Auger	110	1,217
		1XA, 1XE, 2XA, 2XE, 3XA, 3XE, 4X a, 4XE a, C4A, C4B	009850	Pin-On	135	1,357
	For NPK	 a4X,E: Need to buy bushing from NPK to reduce pin hole from 2 inches to 1.5 inches or 1.75 inches. Pin holes 2-inch dia. 14 inches OC. 				
	For Rammer	S23/S25	009850	Pin-On	135	1,357
		BRP150, 150, BRP140, 140, BRP130, 130	009893	Bolt-On	180	1,333
		100, 130, 140, 150, 300, 400, 470, 501, 570, 600, 620, 625, 700, 900, TR-9, TR-14, TR-21	1002284	Bolt-On	203	1,347
	For Tramac	BRH400(S), BRP130, BRP100, 125, 91, 76	009850	Pin-On	135	1,357
		BRH400(S), BRP130, BRP100, 125, 91, 76	009568	Weld-On	95	897
		BRP130, 125	009856	Pin-On	200	1,707
		900A - TC90S Compactor, TB425CM, TB625CM	009850	Pin-On	135	1,357
	For Teledyne Roxon	TB220, TB325	009568	Weld-On	95	897
	noxon	TB425X	1003975	Bolt-On	180	1,323

WAIN-ROY CONVERSION KITS

Description	Weight Class	Style / Width	Wt. (lbs.)	List Price
TO CONVERT OEM PIN-ON BUCKETS TO		12	37	\$ 264
ORIGINAL SYSTEM		18	44	327
@ @		24	52	350
	1/4 yd. (12.5K – 16K)	30	61	375
	,	36	68	397
		48	80	482
		60	130	593

	Description	Weight Class	Style / Width	Wt. (lbs.)	List Price
	TO CONVERT ORIGINAL TO XLS BUCKETS	1/4 yd. (12.5K – 16K)			\$ 195
ſ	TO CONVERT OEM PIN-ON BUCKETS TO		12		413
	SERIES 2XLS SYSTEM	1/4 yd.	16 – 24		808
		(12.5K – 16K)	24 - 36		894
			36 - 60		1,066





Wt.

List

TRACTOR LOADER BACKHOE (TLB) BUCKETS & ATTACHMENTS

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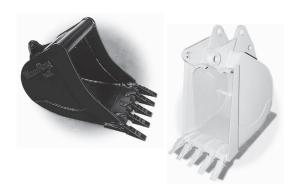
PLEASE NOTE:

- Backhoe bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Loader bucket capacities are based on SAE J742 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions





KEY FEATURES: TRACTOR LOADER BACKHOE BUCKETS & ATTACHMENTS



Gannon/Wain-Roy Heavy-Duty Buckets (HD)

Heavy-Duty Buckets are designed to handle clay, gravel, compacted soils and loose rock applications. Each HD bucket is designed to meet or exceed OEM specifications while improving machine efficiency and productivity. They are designed to improve bucket life when used in a more abrasive material application. HD buckets contain additional material to increase bucket durability while maintaining productivity. HD buckets also come in high capacity versions for increased material volume, resulting in improved productivity.

Gannon/Wain-Roy Severe-Duty Buckets (SD)

Our Severe-Duty Buckets are specially designed for durability in severe abrasion applications and high impact conditions. SD buckets incorporate high strength materials and heavier material thickness for extended bucket life, structural strength and durability. SD buckets are also available in high capacity versions.



Gannon Ditching & Grading Buckets

Ditching & Grading Buckets are used for ditch cleaning, grading, backfilling and loose material loading applications. They feature a wide and shallow tub design that offers a shorter tip radius allowing for the increased width without losing material penetration. Ditching & Grading buckets are ideal for use in sand, topsoil, and other loose or soft materials.

Wain-Roy Ripper Buckets

Ripper Buckets are used in wide variety of severe applications where material is being both ripped and removed. Rip and dig with one attachment to increase performance and efficiency. As the current pass is dug and removed, the next pass is ripped and prepared. Standard applications for Ripper Buckets would include: frozen ground, sandstone, limestone, caliche, shale, coral, and other severe materials.





Wain-Roy Jaw Buckets

Jaw Buckets provide the versatility of a trenching bucket and a thumb in one unit without having to weld thumb brackets onto the boom. Jaw Buckets are effective jobsite trenchers and haulers of cumbersome materials. Remove, load, and backfill material with the front jaw in the closed position and then use the hydraulically actuated jaw to pick and place large objects such as boulders, stumps, pipe, logs, concrete slabs and other debris. Jaw Buckets are an effective multi-use tool for construction applications.

Wain-Roy Tilting Buckets

Tilting Buckets rotate up to a total of 90 degrees, 45 degrees each side of center, for greater control and flexibility during ditch cleaning, grading, backfilling and loose material loading and unloading applications. The tilting mechanism allows the bucket to rotate at various angles in order to form the surface to the desired shape without repositioning the machine. This is especially beneficial when working along roadways or in tight operating conditions.







KEY FEATURES: TRACTOR LOADER BACKHOE BUCKETS & ATTACHMENTS (Continued)

(Shown with coupler)



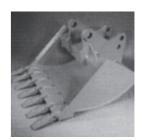
CF Single Point Rippers

Single Point Rippers are designed for the most demanding ripping applications of rock, clay, coral, and frost. Our standard design incorporates a heavy-duty OEM ear group mounting, and is available in many standard shank lengths and widths. Our rippers are manufactured with high strength steel shanks and can be custom designed to meet specific applications.



Gannon/Wain-Roy Specialty Buckets

Specialty Buckets are offered for Cemetery/Bellhole, Pavement Removal, Pipe and Cribbing/Railroad applications. Trapezoid and "V" Buckets are also available. Standard products exist for the Specialty Bucket classification but can also be designed for your specific needs.





CF Thumbs/Material Clamps

Thumbs are used in conjunction with a bucket as an efficient method to handle bulk material in landscaping and clearing, demolition, recycling, waste management, utility, and general contracting applications. Thumbs offer pick and place movement of large, awkward objects such as boulders, stumps, pipe, logs, concrete slabs, and other debris. Several variations of thumb attachment methods and tines are available to meet specific requirements.



Grapples provide an efficient method of handling, recycling, and debris removal in land clearing, demolition, and landscape applications. We offer a stiff arm mount with single claw movement or a hydraulic configuration in which both claws can be operated independently. Our grapples can be used in conjunction with mechanical or hydraulic quick latch systems.





Gannon General Purpose Loader Buckets (GP)

General Purpose Loader Buckets are for use with materials of a density range of 1,800 - 3,000 lbs/yd³. The heavy-duty design and bucket material thickness ensures an extended life when the bucket is used with higher density material. They are functional for light-duty needs and rugged enough for many heavy-duty applications.

Gannon Multi-Purpose Loader Buckets

Multi-Purpose Loader Buckets have all the advantages of a conventional loader bucket plus the ability to perform other duties without changing the bucket. Maximum bucket dump height is achieved by opening the clam to dump the material without having to rotate the bucket. The dozer blade is used for precision grading, leveling, back filling and material spreading. The clam/grapple function is used to pick up aggregate, dirt, trash, brush, rocks, and debris or allow material to be evenly spread by opening the clam. The clam/grapple function also permits precise pick and place operations. These features provide an economical multi-tasking attachment.









KEY FEATURES: TRACTOR LOADER BACKHOE COUPLERS

CF Manual & Hydraulic Quick Change Coupler Systems

Woods Equipment Company couplers turn the task of changing attachments on equipment into a safe, simple and efficient process by using one of our proven quick coupler systems. Woods has more than 20 years of proven experience in the quick coupler attachment business and offers a variety of systems to fit your needs. Couplers allow you to quickly turn a single prime mover into a multi-purpose system to accomplish a multitude of tasks. When properly installed and maintained, the various coupler systems we offer have excellent histories of never dropping buckets.



CF Mechanical Quick Latch Coupler

The CF mechanical coupler offers a lightweight, yet durable design for your most demanding coupler requirements. The coupler design allows a simple method to quickly switch attachments on a machine. A manual locking pin securely locks the attachment to the coupler. Couplers are custom designed to fit Woods manufactured or OEM attachments. Optional jump latches allow machines to adapt to different manufacturers attachments and provide greater flexibility between machines and attachments on the job site.

Gannon Eliminator Manual Quick Coupler

The Eliminator manual quick coupler is designed for use with all Wain-Roy Original buckets and attachments. The manual coupler provides a simple and quick method to change excavator buckets and attachments. Maintaining close to the manufacturers pin-on performance specifications results in a near zero loss of breakout force. Eliminator coupler models are available to work with C&P, CAT, and Original Wain-Roy style buckets.



Wain-Roy Coupler Systems

Wain-Roy style coupler systems provide the benefits of fast and efficient changing of excavator buckets and attachments while maintaining close to the manufacturers pin-on performance specifications. This results in a near zero loss of breakout force. The Wain-Roy coupler systems have been the leaders and innovators in the coupler market for many years and are often copied by other manufacturers, but other systems lack the many Wain-Roy features. Manual and hydraulic locking systems are available.



Wain-Roy XLS Coupler System

The Wain-Roy XLS coupler system allows the benefit of fast and efficient changing of excavator buckets and attachments while maintaining close to the manufacturers pin-on performance specifications. This results in a near zero loss of breakout force. The Wain-Roy XLS coupler system design significantly reduces the free play between the coupler and attachments. The design provides the close fit between coupler and attachments to be maintained through simple adjustments with hand tools and periodic shimming. The XLS coupler system is designed for use with Wain-Roy Original and XLS style buckets and attachments. The XLS coupler system is available in an easy-to-use manual or "operate from the seat" hydraulic release configuration.

Wain-Roy XLS Swinger Coupler System

Wain-Roy Swinger Couplers rotate up to a total of 90 degrees, 45 degrees each side of center, for greater control and flexibility of any quick change attachment system. Buckets and specialty attachments such as rippers, jaws, grapples, compactors and hammers can be rotated to the desired position to achieve maximum production. Greater tool and attachment positioning flexibility increases efficiency in any work area. The hydraulic cylinder is positioned to minimize movement and provide protection from debris and excessive wear.







TRACTOR LOADER BACKHOE BUCKET & ATTACHMENT SELECTION CHART

Classification	⇔	1/8 YARD 2,500 – 5,500 lbs. HDM20-Series	1/8 YARD 5,500 – 9,000 lbs. HDM30-Series	1/4 YARD Up to 16,000 lbs. & 16 ft. Digging Depth	1/2 YARD Over 16,000 lbs. & 16 ft. Digging Depth
	Current Models			580N, 580 Super N, 580 Super N WT, 590 Super N	
Case	Vintage			580L, 580M, 580M Series 2, 580M Series 3, 580SL, 580SM, 580 Super M Series 2, 580 Super M Series 3, 580 Super M+ Series 2, 580 Super M+ Series 3, 580 Turbo Series 2, 590 SL, 590SM, 590 Super M Series 3, 590 Super M+ Series 3, 590M Super M Series 3	
	Current Models			416E, 420E, 420E-IT, 430E, 430E-IT	450E
Caterpillar	Vintage			416B, 416C, 416D, 420D, 420D-IT, 426B, 426C, 428, 430D, 4630D-IT, 436B, 436C, 460D	446B, 446C, 446D
JCB	Current Models			Mini 2WD, Mini 4WD, Midi, 1CX, 2CX Loader, 2CX Utility, 2CX12, 3C 14, 3C LL, 3CX 14	3C 15, 3CX 15, 3CX 17, 4CX 14, 4CX 15, 4CX 17
	Vintage			214, 215, 217	
John Deere	Current Models		110 TLB	310J, 310SJ, 310SJ TMC, 310SJ TMC Tool Carrier, 315SJ, 410J, 410SJ TMC, 410J TMC Tool Carrier	710J
	Vintage			210LE, 310D, 310E, 310G, 310SE, 310SG, 315SG, 410G, 510D	710D, 710G
Warratan.	Current Models			WB142-5, WB146-5, WB146PS-5, WB156-5, WB156PS-5	
Komatsu	Vintage			WB70A, WB91, WB93, WB97, WB98, WB140, WB150	
Kubota	Current Models	B26, L39	L45, M59		
Nubola	Vintage		B21, L48	KH191, KX151, KX161-2	
	Current Models			B90B, B95B, B95B LR, B95B TC, B110B, B115B	
New Holland	Vintage			555B, 555C, 555E, 575E, 655A, 655C, 655E, 675E, B95, B95LR, B95TC, B110, B115, LB75, LB75B, LB90, LB90B, LB110, LB110B, LB115, LB115B	
Terex	Current Models			TX760B, TX860B, TX870B, TX970B	820, 860 Elite, 860 SX, 880 Elite, 880 SX, 970 Elite, 980 Elite
	Vintage			TX750B, TX960B	
Volvo	Current Models			BL60, BL70	
Volvo	Vintage			BL61, BL71	

PLEASE NOTE:

- Backhoe bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Loader bucket capacities are based on SAE J742 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions





UP TO 16,000 LB (1/4 yd) TRACTOR LOADER BACKHOE BUCKETS & COUPLERS

BUCKETS

Gannon Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
EXTRA HEAVY-DUTY	HD1-12	3.3	299	1.00	3	\$ 1,041	EXTRA HEAVY-DUTY	HD1-12	3.3	245	1.00	3	\$ 945
100	HD1-16	4.2	330	1.00	3	1,107		HD1-16	4.2	295	1.00	3	1,018
34.7	HD1-18	5.0	353	1.00	4	1,159	38.5	HD1-18	5.0	310	1.00	4	1,055
	HD1-24	7.2	415	1.00	5	1,314		HD1-20	6.1	347	1.00	4	1,141
38.5	HD1-30	9.5	470	1.00	5	1,445	37.8	HD1-24	7.2	370	1.00	5	1,202
	HD1-36	11.8	525	1.00	6	1,601		HD1-30	9.5	425	1.00	5	1,325
								HD1-36	11.8	475	1.00	6	1,472

Gannon Pin-On

EXTRA HEAVY-DUTY STR1-12 2.8 250 1.00 3 \$ 1,243 STR1-16 3.6 293 1.00 3 1,308 STR1-18 1,360 4.2 310 1.00 4 STR1-24 6.0 364 1.00 5 1,471 STR1-30 7.8 415 1.00 5 1,581 STR1-36 9.7 465 1.00 6 1,711 Note: Short tip radius bucket.

Wain-Roy Quick Change (Original, XLS)

EXTRA HEAVY-DUTY	STR1-12	2.8	235	1.00	3	\$ 1,159
	STR1-16	3.6	278	1.00	3	1,220
34.8	STR1-18	4.2	295	1.00	4	1,270
/ // *)	STR1-24	6.0	349	1.00	5	1,374
33.9	STR1-30	7.8	400	1.00	5	1,478
	STR1-36	9.7	450	1.00	6	1,601
Note: Short tip rad	dius bucket					

Gannon Pin-On

HIGH CAP. EXTRA HEAVY-DUTY	HC1-12	4.2	338	1.00	3	\$ 1,093
	HC1-16	5.6	375	1.00	3	1,159
41.2	HC1-18	6.5	405	1.00	4	1,223
	HC1-24	9.5	480	1.00	5	1,380
43.5	HC1-30	12.5	541	1.00	5	1,524
	HC1-36	15.6	613	1.00	6	1,705

Wain-Roy Quick Change (Original, XLS)

HIGH CAP. EXTRA HEAVY-DUTY	HC1-12	4.2	298	1.00	3	\$ 993
	HC1-16	5.6	335	1.00	3	1,068
44.1	HC1-18	6.5	365	1.00	4	1,104
/ //)	HC1-24	9.5	435	1.00	5	1,251
42.2	HC1-30	12.5	486	1.00	5	1,374
42.2	HC1-36	15.6	563	1.00	6	1,534

Gannon Pin-On

SD1-12	3.3	321	1.00	3	\$ 1,159
SD1-16	4.2	357	1.00	3	1,223
SD1-18	5.0	375	1.00	4	1,263
SD1-24	7.2	434	1.00	5	1,419
SD1-30	9.5	483	1.00	5	1,562
SD1-36	11.8	547	1.00	6	1,718
	SD1-16 SD1-18 SD1-24 SD1-30	SD1-16 4.2 SD1-18 5.0 SD1-24 7.2 SD1-30 9.5	SD1-16 4.2 357 SD1-18 5.0 375 SD1-24 7.2 434 SD1-30 9.5 483	SD1-16 4.2 357 1.00 SD1-18 5.0 375 1.00 SD1-24 7.2 434 1.00 SD1-30 9.5 483 1.00	SD1-16 4.2 357 1.00 3 SD1-18 5.0 375 1.00 4 SD1-24 7.2 434 1.00 5 SD1-30 9.5 483 1.00 5

Wain-Roy Quick Change (Original, XLS)

		_	-			
SEVERE-DUTY	SD1-12	3.3	281	1.00	3	\$ 1,079
	SD1-16	4.2	317	1.00	3	1,141
38.5	SD1-18	5.0	335	1.00	4	1,177
	SD1-24	7.2	389	1.00	5	1,325
37.8	SD1-30	9.5	443	1.00	5	1,460
	SD1-36	11.8	497	1.00	6	1,607

Notes:

- 1 Refer to Compact Excavator section for bucket profiles suitable for smaller TLB's.
- ² Bolt-on cutting edge option available on certain models. Call for pricing and availability.

Buckets continued on following page.





UP TO 16,000 LB (1/4 yd) TRACTOR LOADER BACKHOE BUCKETS & COUPLERS (Cont'd)

BUCKETS (Continued)

Gannon Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Gannon Quick Change	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
HEAVY-DUTY	06A-12	3.0	302	1.00	3	\$ 1,191	HEAVY-DUTY	06W-12	3.0	302	1.00	3	\$ 1,104
	06A-16	4.0	341	1.00	4	1,334		06W-16	4.0	341	1.00	4	1,238
29.2	06A-18	4.8	360	1.00	4	1,490	26.9	06W-18	4.8	360	1.00	4	1,385
	06A-24	7.2	420	1.00	5	1,711	29.1	06W-24	7.2	420	1.00	5	1,595
28.3	06A-30	9.5	485	1.00	6	1,804	25.1	06W-30	9.5	485	1.00	6	1,681
	06A-36	11.8	520	1.00	7	1,920		06W-36	11.8	520	1.00	7	1,790
	06A-42	13.5	563	1.00	8	2,057							

Gannon Pin-On	1						Gannon Quick	Change					
EXTREME-DUTY	06G-12	3.0	336	1.00	3	\$ 1,270	SEVERE-DUTY	06K-12	3.0	278	1.00	3	\$ 1,177
	06G-16	4.0	372	1.00	4	1,413		06K-16	4.0	307	1.00	4	1,312
29.2	06G-18	4.8	394	1.00	4	1,556	26.9	06K-18	4.8	319	1.00	4	1,447
	06G-24	7.2	453	1.00	5	1,777		06K-24	7.2	380	1.00	5	1,655
28.3	06G-30	9.5	526	1.00	6	1,854	29.1	06K-30	9.5	434	1.00	6	1,729
	06G-36	11.8	569	1.00	7	1,972		06K-36	11.8	480	1.00	7	1,840
	06G-42	13.5	612	1.00	8	2,162							
	06G-48	15.9	648	1.00	9	2,317							

Gannon Pin-On	1						Gannon Pin-On	1					
STRAIGHT WALL	04A-8	3.1	305	1.00	3	\$ 1,328	SEVERE-DUTY DEERE STYLE	81M-12	3.5	367	1.00	3	\$ 1,312
	04A-12	3.1	305	1.00	3	1,406		81M-16	4.5	415	1.00	4	1,399
25.1	04A-16	4.1	340	1.00	4	1,498	27.1	81M-18	4.9	437	1.00	4	1,496
38.3	04A-18	4.7	353	1.00	4	1,549		81M-24	7.4	488	1.00	5	1,631
	04A-24	7.0	418	1.00	5	1,653	34.5	81M-30	9.8	555	1.00	6	1,754
	04A-30	9.5	485	1.00	6	1,926		81M-36	12.3	605	1.00	7	1,877
	04A-36	12.0	535	1.00	7	2,044							

Gannon Pin-On	1			Reversible BOCE		Wain-Roy QC (C	Original, XLS)			Reversible BOCE	
DITCHING & GRADING	72N-30	5.3	340	Standard	\$ 1,528	DITCHING & GRADING	30	6.1	310	Standard	\$ 1,349
	72N-36	7.3	383	Standard	1,610	Non-	36	8.1	350	Standard	1,422
	72N-42	8.8	430	Standard	1,803	22	42	9.6	390	Standard	1,595
21.3	72N-48	10.3	456	Standard	1,982		48	11.1	435	Standard	1,754
25.5	72N-54	11.7	510	Standard	2,202	<u></u>	54	12.5	480	Standard	1,951
	72N-60	13.2	545	Standard	2,381		60	14.0	525	Standard	2,110
	72N-72	16.1	628	Standard	2,835		72	17.0	615	Standard	2,514
Note: Optional dra	ain holes in sid	e plate or bac	ksheet.			Notes: 30" & 36" v Optional dr	vide buckets us rain holes in sid				

Notes:

 $^{^{\}mathbf{2}}\,$ Bolt-on cutting edge option available on certain models. Call for pricing and availability.





¹ Refer to Compact Excavator section for bucket profiles suitable for smaller TLB's.

UP TO 16,000 LB (1/4 yd) TRACTOR LOADER BACKHOE BUCKETS & COUPLERS (Cont'd)

COUPLERS

CF Mechanical Quick Latch	Style / Description	Wt. (lbs.)	List Price	CF Direct Pin	Style / Description	Wt. (lbs.)	List Price
MECHANICAL QUICK COUPLER	Mechanical (with pin kit)	165	\$ 2,472	DIRECT PIN COUPLER	Mechanical (with single pin kit)	125	\$ 1,391
18	Jump latch		2,671	18	Jump latch		1,528
COUPLER PIN KIT				COUPLER PIN KIT (SINGLE PIN)			
20		65	309	20		23	154

Gannon Eliminator

Wain-Roy QC (XLS)



Manual release (Fits all Original style buckets and attachments) MANUAL RELEASE

Manual release (Fits all Original and XLS style buckets and attachments)

150 **\$ 1,146**

Wain-Roy Quick Change (XLS)

Wain-Roy Quick Change (XLS)
SWINGER W/ MANUAL



Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)

BUCKET RELEASE

Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)

240 **\$ 3,557**

Note: Hydraulic components include valve, switch box & wiring, and hoses & connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.

Note: For Hydraulic Kit availability & pricing, contact Dealer Services. If available, kits sold separately. When providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 18 inches wide. Digging depth is limited when a narrower bucket is used.

Wain-Roy Direct Pin

SWINGER COUPLER W/DIRECT PIN COUPLER INTERFACE



Mechanical, with single pin kit

240 \$ 3,557

175 **\$ 3,435**

TOOTH STYLES

		ОРТ	IONAL – CALL FOR F	PRICING & AVAILABIL	.ITY
	STANDARD	Hensley	y Style	CAT	Style
1" Edge	#23 Series Hensley Style	#23 Series	Top Pin	1U3202	CAT 23

Note: Genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 3-11 to 3-12. For Thumbs (Material Clamps), see page 3-13.

For Wain-Roy Adapters & Conversion Kits, see pages 3-14 to 3-15. For Hydraulic Kit availability and pricing, contact Dealer Services.

For Grapples, see page 3-13.

Additional charges may apply for bucket tooth upgrades, cutting edge/wear package enhancements and other non-standard bucket modifications.





OVER 16,000 LB (1/2 yd) TRACTOR LOADER BACKHOE BUCKETS & COUPLERS

BUCKETS

Gannon Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
HEAVY-DUTY	HD2-16	7.3	547	1.25	3	\$ 1,989	HEAVY-DUTY	HD2-16	7.3	535	1.25	3	\$ 1,877
	HD2-18	8.1	592	1.25	3	2,029		HD2-18	8.1	575	1.25	3	1,923
32	HD2-24	12.4	708	1.25	4	2,311	32	HD2-24	12.4	685	1.25	4	2,183
	HD2-30	15.9	819	1.25	5	2,505		HD2-30	15.9	785	1.25	5	2,367
38	HD2-36	19.4	896	1.25	6	2,724	38 —	HD2-36	19.4	860	1.25	6	2,576
	HD2-42	23.2	1058	1.25	6	2,956		HD2-42	23.2	939	1.25	6	2,796
	HD2-48	27.3	1086	1.25	8	3,175		HD2-48	27.3	1015	1.25	8	3,005

Gannon Pin-On Gannon Quick Change HIGH CAPACITY SEVERE-DUTY HIGH CAPACITY SEVERE-DUTY 97G-12 5.0 511 1.25 3 \$1,999 97W-16 6.8 360 1.25 4 \$1,980 2,018 97G-16 6.0 570 1.25 4 2,036 97W-18 8.0 390 1.25 4 4 2,085 97W-24 5 2,288 97G-18 7.0 611 1.25 470 1.25 11.6 97G-24 10.3 719 1.25 5 2,306 97W-30 15.3 560 1.25 6 2,472 34.2 7 2,680 97G-30 13.7 837 1.25 6 2,490 97W-36 19.2 671 1.25 97G-36 17.1 952 1.25 7 2,698 38.4 97G-42 20.5 1050 1.25 8 2,919 97G-48 24.0 1150 1.25 9 3,127

CF Pin-On							CF Pin-On						
HIGH CAPACITY	32-12	5.6	475	1.00	3	\$ 2,135	HIGH CAPACITY SEVERE-DUTY	32G-12	5.6	550	1.00	3	\$ 2,220
	32-16	8.4	514	1.00	3	2,220	© •	32G-16	8.4	589	1.00	3	2,306
	32-18	9.4	596	1.00	3	2,244		32G-18	9.4	671	1.00	3	2,330
34.5	32-24	12.4	685	1.00	4	2,478	34.5	32G-24	12.4	760	1.00	4	2,564
42.9	32-30	16.5	749	1.00	5	2,661		32G-30	16.5	824	1.00	5	2,748
12.0	32-36	20.7	890	1.00	6	2,894	43.2	32G-36	20.7	965	1.00	6	2,980

CF Pin-On						
TRENCHING / STRAIGHT WALL	28-12	4.5	410	1.25	3	\$ 1,668
©	28-16	5.9	450	1.25	3	1,705
	28-18	6.7	470	1.25	3	1,742
33.3 //	28-24	10.0	530	1.25	4	1,851
	28-30	13.4	610	1.25	5	2,036
36.5	28-36	16.9	675	1.25	6	2,294

Gannon Pin-On				Reversible BOCE		Wain-Roy Quick	c Chang	ne (Original, XLS)	Reversible BOCE	
DITCHING & GRADING	72N-48	10.3	476	Standard	\$ 2,216	DITCHING & GRADING	36	13.2 710	Standard	\$ 2,097
	72N-54	11.7	530	Standard	2,298	No.	48	18.1 740	Standard	2,698
21.3	72N-60	13.2	565	Standard	2,546	28	60	21.9 820	Standard	3,239
25.5	72N-72	16.1	648	Standard	3,054	33				
Note: Optional drai	n holes in sid	le plate or bac	ksheet.							





OVER 16,000 LB (1/2 vd) TRACTOR LOADER BACKHOE BUCKETS & COUPLERS (Cont'd)

COUPLERS

CF Mechanical Quick Latch	Style / Description	Wt. (lbs.)	List Price	CF Direct Pin	Style / Description	Wt. (lbs.)	List Price
MECHANICAL QUICK COUPLER	Mechanical (with pin kit)	185	\$ 2,752	DIRECT PIN COUPLER	Mechanical (with single pin kit)	165	\$ 1,414
23	Jump latch		3,027	23	Jump latch		1,555
COUPLER PIN KIT	1P	70	309	COUPLER PIN KIT (SINGLE PIN)		25	154
Note: Quick latch coupler will not w	ork with original John Deer	e 710-series	s buckets.	Note: Certain pin grabber/bucket with boom when rotated.	combinations will not provide	sufficient cl	earance

Gannon Eliminator

Wain-Roy Quick Change (XLS) MANUAL RELEASE MANUAL RELEASE

330

\$ 4,907



Manual release (Fits all Original 299 \$2,171 style buckets and attachments)

Manual release (Fits all Original and 303 \$ 2,171 XLS style buckets and attachments)

Wain-Roy Quick Change (XLS)

Wain-Roy Quick Change (XLS)



Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)

SWINGER W/ MANUAL BUCKET RELEASE

Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)

\$ 6,501 400

Note: Hydraulic components include valve, switch box & wiring, and hoses & connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.

For Hydraulic Kit availability & pricing, contact Dealer Services. If available, kits sold separately. When providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 20 inches wide. Digging depth is limited when a narrower bucket is used.

Wain-Roy Direct Pin

SWINGER COUPLER W/DIRECT PIN COUPLER INTERFACE



Mechanical, with single pin kit

\$ 6,501

TOOTH STYLES

			OPTION	AL – CALL FOR F	PRICING & AVAIL	LABILITY						
	STANDARD	Hensley	Hensley Style CAT Style Esco Style									
1" Edge	#23 Series Hensley Style	#23 Series	Top Pin	1U3202	CAT 23							
1-1/4" Edge	#25 Series Henslev Style	#25 Series	Top Pin	1U3	252	V23SYL						

Note: Genuine branded teeth such as Hensley, Cat, Esco, Pengo, Fangg, Metalogenia, Volvo and others are generally available for use on Woods Equipment buckets and attachments. Call for pricing and availability on genuine branded teeth.

ATTACHMENTS. SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 3-11 to 3-12. For Thumbs (Material Clamps), see page 3-13.

For Wain-Roy Adapters & Conversion Kits, see pages 3-14 to 3-15. For Hydraulic Kit availability and pricing, contact Dealer Services.

For Grapples, see page 3-13.

Additional charges may apply for bucket tooth upgrades, cutting edge/wear package enhancements and other non-standard bucket modifications.





TRACTOR LOADER BACKHOE ATTACHMENTS & SPECIALTY BUCKETS

SPECIALTY BUCKETS & ATTACHMENTS

Weight Class	Gannon Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	CEMETERY / BELLHOLE	02A-12	1.9	200	1.00	3	\$ 1,110	CEMETERY / BELLHOLE	12	2.0	165	1.00	3	\$ 1,395
	©_	02A-18	2.8	250	1.00	4	1,278	dia .	16	2.7	185	1.00	3	1,446
		02A-24	4.2	325	1.00	5	1,446	Stanford	18	3.0	195	1.00	3	1,472
Up to 16K (1/4 yd.)	19.4	02A-30	5.6	400	1.00	6	1,562		24	4.4	250	1.00	4	1,524
(1/4) (1.)		02A-36	7.4	450	1.00	7	1,679	\ \ \ /	30	5.9	285	1.00	6	1,595
	28.8	02A-38	7.9	468	1.00	7	1,808	Ä	36	7.3	330	1.00	7	1,666
		02A-40	8.4	476	1.00	8	1,898	·						
Note: See	ΓLB buckets, specific	weight class	section fo	r tooth	options av	ailable.								

Gannon Pin-On Gannon Pin-On **CORAL ROCK** 92R-12 400 1.00 \$1,226 **ROCK FROST** \$ 1,851 1.7 5 77-12 2.7 391 1.00 3 92R-16 2.6 420 1.00 5 1,312 77-18 5.0 434 1.00 5 2,085 Up to 16K 6 1,385 77-24 7 2,441 92R-18 3.2 430 1.00 7.2 516 1.00 (1/4 yd.) 92R-20 7 1,484 3.6 440 1.00 92R-24 8 4.5 460 1.00 1,668 Note: See TLB buckets, specific weight class section for tooth options available

	Wain-Roy Pin-C)n			Cı	utting E	Wain-Roy Quick (Original, XLS)	c Change			Cu	itting E Teetl	
	RIPPER	12	3.2	365	1.00	3	RIPPER	12	3.2	305	1.00	3	\$ 2,343
Up to 16K		16	4.3	445	1.00	5		16	4.3	340	1.00	5	2,551
(1/4 yd.)		18	4.9	460	1.00	5		18	4.9	356	1.00	5	2,619
	 	24	6.5	520	1.00	5		24	6.5	405	1.00	5	2,907
	A DOWN	16	6.8	650	1.25	3		18	7.3	625	1.25	3	5,544
		18	7.3	690	1.25	3		24	8.9	735	1.25	5	5,740
Over 16K (1/2 yd.)		24	8.9	800	1.25	5		30	11.1	850	1.25	5	5,937
(.,_),		30	11.1	910	1.25	5		36	13.2	960	1.25	5	6,133
		36	13.2	1020	1.25	5							

Note: Bucket sizes shown are nominal. The Ripper Bucket will cut approximately 2 inches more than the nominal advertised width. See TLB buckets, specific weight class section for tooth options available.

■ Call for pricing.

Weight Class	Wain-Roy Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Opg. (in.)	No. Teeth	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Opg. (in.)	No. Teeth	List Price
Up to 16K	JAW	24	7.6	660	41	4	\$ 6,727	JAW	24	7.6	650	41	4	\$ 6,648
(1/4 yd.)		30	9.7	740	41	4	7,421		30	9.7	730	41	4	7,359
Over 16K		24	10.5	920	51	4	11,836		24	10.5	875	51	4	9,910
(1/2 yd.)		30	14.0	1010	51	4	12,265		30	14.0	975	51	4	10,217

Note: For Hydraulic Kit availability & pricing, contact Dealer Services. If you are providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. See TLB buckets, specific weight class section for tooth options available.

	Wain-Roy			Wain-Roy			
Up to 16K (1/4 yd.)	RIPPER TOOTH JAW ATTACHMENT	180	\$ 1,177	5' / 6' BACKFILL BLADE JAW ATTACHMENT	60	165	\$ 1,312
Over 16K (1/2 yd.)		275	1,913		72	265	2,546





TRACTOR LOADER BACKHOE ATTACHMENTS & SPECIALTY BUCKETS (Continued)

SPECIALTY BUCKETS & ATTACHMENTS (Continued)

Weight Class	Wain-Roy Pin-On	Style / Width	Wt. (lbs.)	Cap. Cu. Ft.	List Price	Wain-Roy Quick Change (XLS)	Style / Width	Wt. (lbs.)	Cap. Cu. Ft.	List Price
Up to 16K	HYDRAULIC TILTING BUCKET	48	865	11.9	\$ 6,127	HYDRAULIC TILTING BUCKET	48	788	11.9	\$ 5,881
(1/4 yd.)	AS A	60	1010	15.1	6,457	METHIC BOOKET	60	928	15.1	6,212
		48	1180	18.9	8,285	500	48	1135	18.9	7,979
Over 16K		60	1367	24.3	8,614		60	1322	24.3	8,308
(1/2 yd.)		66	1445	27.0	8,702		66	1400	27.0	8,395
		72	1513	29.7	8,905		72	1468	29.7	8,597

Note: 45° rotation. Bolt-on edge standard. Compact excavator must be equipped with valve and lines down to end of dipperstick. Valve must have port reliefs. For Hydraulic Kit availability & pricing, contact Dealer Services.

	Gannon Pin-On			No. Teeth	Wain-Roy Quick Chan	ge (Origina	al, XLS)	No. Teeth	
	PAVEMENT REMOVAL	14-12	448	3	PAVEMENT SLAB REMOVAL	18	540	4	\$ 2,865
		14-18	535	4	The state of the s	24	575	4	3,044
Up to 16K		14-24	633	5		30	610	5	3,223
(1/4 yd.)	26.7	14-36	917	7					
	45.2	14-48	1187	9					
		14-60	1457	11					
		14-36	917	7		24	825	5	3,787
Over 16K (1/2 yd.)		14-48	1187	9		32	995	5	4,214
(1/2 yu.)		14-60	1457	11		36	1080	5	4,711

Call for pricing.

Gannon Pin-On

Wain-Roy Quick Change (Original, XLS)

Up to 16K (1/4 yd.)	RAILROAD / CRIBBING	RR-8	205	2	\$ 1,399	RAILROAD / CRIBBING	8	190	2	\$ 1,392
Note: See TLB buck	cets, specific weight class sect	ion for tooth o	ptions availa	able.		·				

Weight Class Wain-Roy Quick Change (Original, XLS)*

Wain-Roy Quick Change (Original, XLS) *

moigini olaco	Train Troy Galok Onling	c (Original, A	_0,			Wall Hoy Galok Charl	ge (Origina	1, XLO)	
Up to 16K (1/4 yd.)	"V" DITCHING BUCKET	12 x 56 x 45°	365	2	\$ 1,717	5' GRADING & BACKFILL BLADE	60	165	\$ 1,460
Over 16K (1/2 yd.)		18 x 72 x 45°	617	3	3,348		60	235	1,851
Note: See compact	excavator buckets, specific we	eight class section							

^{*} Pin-on bucket profiles available upon request. Call for pricing and availability.

Weig	ght Class	CF Pin-On	Dim "X" (in.)	Dim "Y" (in.)	Wt. (lbs.)	Teeth	List Price	Wain-Roy QC (Original, XLS)	Dim "X" (in.)	Wt. (lbs.)	Teeth	List Price
He	p to 16K	RIPPER TOOTH						RIPPER TOOTH				
	1/4 yd.)	T-Y-0	32.0	11.0	225	009004	\$ 1,595		36.0	220	1005129	\$ 1,582
	ver 16K 1/2 yd.)	×	29.7	4.5	260	25 Series	1,655	×	47.0	275	T1U3352	2,441





TRACTOR LOADER BACKHOE ATTACHMENTS & SPECIALTY BUCKETS (Continued)

THUMBS (MATERIAL CLAMPS)

	Weight Class	CF Pin-On	Wt. (lbs.)	List Price	CF Pin-On	Wt. (lbs.)	List Price
	Up to 16K (1/4 yd.)	RIGID MAIN PIN (NO LINKS)			HYDRAULIC DIRECT MAIN PIN (NO LINKS)	320	\$ 3,565
Γ		WELD-ON RIGID			WELD-ON HYDRAULIC		
	Up to 16K (1/4 yd.)	3	230	\$ 1,828		220	\$ 2,993
	Over 16K (1/2 yd.)		480	3,817		480	4,234
_		Wain-Roy Quick Change			Wain-Roy Quick Change		
	Up to 16K (1/4 yd.)	WELD-ON HYDRAULIC	220	\$ 2,993	HYDRAULIC DIRECT, MAIN PIN (NO LINKS)	350	\$ 3,446
	Over 16K (1/2 yd.)		480	3,986		600	6,083

Notes:

- 1 Additional engineering / design charges may apply for specialized thumbs used with non CF, Gannon or Wain-Roy buckets and couplers.
- $^{\mathbf{2}}\;$ Weld-on thumbs are universal in design and are not custom fit to the host machine.
- 3 Questionnaire regarding bucket, coupler (if applicable) and stick criteria to be completed for main pin thumbs by dealer prior to order entry.

GRAPPLES

Weight Class	Wain-Roy QC (Original, XLS)	Opening (in.)	Width Across Teeth (in.)	Wt. (lbs.)	List Price	Wain-Roy QC (Original, XLS)	Opening (in.)	Width Across Teeth (in.)	Wt. (lbs.)	List Price
	HYDRAULIC	58	24	605	\$ 5,899	RIGID	60	24	695	\$ 3,164
Up to 16K (1/4 yd.)							Inclu	des Anchor Mour	nting Kit	
	,					If used w/Swing	108621	215		
	HYDRAULIC	32	72	1450	\$ 10,278	RIGID	35	84	1010	\$ 5,703
Over 16K (1/2 yd.)							Inclu	des Anchor Mour	nting Kit	
						If used w/Swing	er, Lockout K	it is required, P/N	108600	252

Hydraulic kits for thumbs & grapples are the responsibility of the dealership.





TRACTOR LOADER BACKHOE ADAPTERS & CONVERSION KITS

WAIN-ROY ADAPTERS

Weight Class	Adapter	Model	Woods No.	Туре	Wt. (lbs.)	List Price
		_	009850 Original	Pin-On	135	\$ 1,35
	l	_	59973 XLS	Pin-On	135	1,35
	Universal	_	009568 Original	Weld-On	95	89
		_	59972 XLS	Weld-On	95	89
	For Allied	710, 715, 725, 730, AR75LTS, AR75BCS	009850	Pin-On	135	1,35
		H90C, B90, H70, B70, H63, H63S, B63S, B63	009875	Bolt-On	175	1,15
	For Balderson-	H70S, H90Cs	1000253	Bolt-On	190	1,26
	Caterpillar	H-90, B-90, B-70, B-63	009873	Pin-On	150	1,48
		H70	1000283 includes pins	Pin-On	200	1,51
	For Danuser	Auger	009008	Auger	110	1,21
	. o. zanaco.	Q360 & 360	009885	Pin-On	195	1,38
	For JCB	Q360 & 360 XLS	1005823	Pin-On	190	1,38
	FOLUCE	550 Hammer Master	1005929	Pin-On	150	1,5
Up to 16K	For Kent	KHP-65, KHB-3G, KHB-5G, KHP-8G, KHP-10G-std, F4, F6, F9, KHB-400	009850	Pin-On	135	1,35
(1/4 yd.)	For McMillen	410, 450, 810, 850, 950, 975, 1310, 1350, 1450, 1475, 1800, 1810, 1850, 1950, 1975, 2250, 2450, 2475, 2750, 3450, 3550, 4450 Hex Drive	009008	Auger	110	1,2
	For NPK	1XA, 1XE, 2XA, 2XE, 3XA, 3XE, 4X a, 4XE a, C4A, C4B 4X,E: Need to buy bushing from NPK to reduce pin hole from 2 inches to 1.5 inches or 1.75 inches. Pin holes 2-inch dia. 14 inches OC.	009850	Pin-On	135	1,3
	For Rammer	S23/S25	009850	Pin-On	135	1,3
		BRP150, 150, BRP140, 140, BRP130, 130	009893	Bolt-On	180	1,3
		100, 130, 140, 150, 300, 400, 470, 501, 570, 600, 620, 625, 700, 900, TR-9, TR-14, TR-21	1002284	Bolt-On	203	1,3
	For Tramac	BRH400(S), BRP130, BRP100, 125, 91, 76	009850	Pin-On	135	1,3
		BRH400(S), BRP130, BRP100, 125, 91, 76	009568	Weld-On	95	89
		BRP130, 125	009856	Pin-On	200	1,70
		900A - TC90S Compactor, TB425CM, TB625CM	009850	Pin-On	135	1,3
	For Teledyne	,				,
	Roxon	TB220, TB325	009568	Weld-On	95	8
		TB425X	1003975	Bolt-On	180	1,3
		_	009886 Original	Pin-On	175	1,2
	Universal	_	59958 XLS	Pin-On	175	1,5
	ovo.ou.	_	009569 Original	Weld-On	120	9
		_	46167 XLS	Weld-On	120	9
	For Alitec	CP16BH, CP18BH, CP24BH Planer	1003091	Bolt-On	215	1,3
	For Allied	740 Hy-Ram	009852	Pin-On	190	2,3
	FOI Allieu	8700C, 8750C	009508	Pin-On	150	1,3
		H90C, B90, H70, B70, H63, H63S, B63S, B63	44099	Bolt-On	195	1,4
	For Balderson-	H70S, H90Cs	1000224	Bolt-On	188	1,3
	Caterpillar	H100, H100Cs	44093	Bolt-On	250	1,5
Over 16K (1/2 yd.)	For Danuser	Auger	009094	Auger	140	1,3
(') ')	For JCB	550 Hammer Master	1004049	Pin-On	278	1,6
	For Kent	KF12 TLB (Fits JD710)	1003211	Pin-On	270	1,7
	For Rammer	S24	009569	Weld-On	120	98
	. C. Hammer	BRH501(S), BRH400(S), BRH900, BRM900, 750, 625, 620, 450, 570	009565	Bolt-On	240	1,7
	For Tramac	100, 130, 140, 150, 300, 400, 470, 501, 570, 600, 620, 625, 700, 900, TR-9, TR-14, TR-21	1002285	Bolt-On	220	1,4
		BRH400(S), BRP130, BRP100, 125, 91, 76	009886	Pin-On	175	1,2
	For Teledyne	TB625CM, TB725CM	009886	Pin-On	175	1,29
	Roxon	TB625X, TB725X	1005925	Bolt-On	231	1,58
	1	· · · · ·	-	, -		





TRACTOR LOADER BACKHOE ADAPTERS & CONVERSION KITS (Continued)

WAIN-ROY CONVERSION KITS

Description	Weight Class	Style / Width	Wt. (lbs.)	List Price
TO CONVERT OEM PIN-ON BUCKETS TO		12	37	\$ 264
ORIGINAL SYSTEM		18	44	327
		24	52	350
	Up to 16K (1/4 yd.)	30	61	375
	, ,	36	68	397
		48	80	482
		60	130	593
		18	60	397
		24	70	445
	Over 16K	30	80	482
	(1/2 yd.)	36	90	515
		48	105	569
		60	130	700

Description	Weight Class	Style / Width	Wt. (lbs.)	List Price
TO CONVERT ORIGINAL TO XLS BUCKETS	Up to 16K (1/4 yd.)			\$ 195
	Over 16K (1/2 yd.)			225
TO CONVERT OEM PIN-ON BUCKETS TO		12		413
SERIES 2XLS SYSTEM	Up to 16K	16 – 24		808
	(1/4 yd.)	24 – 36		894
		36 – 60		1,066
0		18 – 24		1,175
	Over 16K (1/2 yd.)	24 – 36		1,261
		36 – 60		1,431

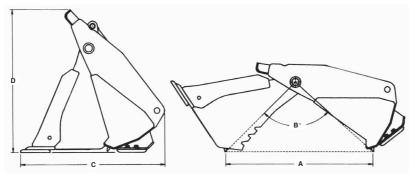




GANNON TLB LOADER BUCKETS

				With Bolt-On Wt. (lbs.) Lis		With Bolt	-On Teeth
Weight Class		Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	List Price	Wt. (lbs.)	List Price
	MULTI-PURPOSE	19M-84	1.125	1754	\$ 7,657	1678	\$ 7,940
All TI D Octobroics		19M-86	1.125	1797	8,409	1718	8,685
All TLB Categories		19M-88	1.250	1830	9,325	1750	9,576
		19M-92	1.250	1903	9,588	1825	9,852
						ı	
	GENERAL PURPOSE	05-72	0.875	585	\$ 3,306		
		05-76	1.000	635	3,786		
All TLB Categories		05-80	1.000	685	3,858		
PRIOR MODELS		05-84	1.125	750	3,925		
		05-88	1.250	837	4,018		
		05-92	1.300	1064	4,090		
Note: Also available with	bolt-on teeth, call for details.						
	HIGH CAPACITY	09-84	1.375	1000	\$ 4,095		
All TLB Categories		09-88	1.500	1080	4,261		
All 1LB Categories		09-92	1.500	1234	4,366		
		09-96	1.625	1185	4,465		
Note: Also available with	bolt-on teeth, call for details.						
	GENERAL PURPOSE	77-82	1,000	920	£ 2 005		
		17-82	1.000	830	\$ 3,825		
All TLB Categories CURRENT MODELS		77-86	1.125	890	3,964		
OSTAILINI MODELO		77-92	1.250	978	4,078		
Note: Also available with	bolt-on teeth, call for details.			l		I	

GANNON LOADER BUCKETS - OVER 16K



MULTI-PURPOSE

				With Bolt-On Edge				With Bolt-On Teeth				Clamping				
	Weight Class	Gannon Style	Width (in/m)	Struck Cap. (yd ³ /m ³)	Heaped Cap. (yd ³ /m ³)	Wt. (lbs/kg)	List Price	Struck Cap. (yd ³ /m ³)	Heaped Cap. (yd ³ /m ³)	Wt. (lbs/kg)	List Price	Force @2800psi (lbs/kg)	A (in/m)	B (degrees)	C (in/m)	D (in/m)
	Over 16K (1/2 yd.)	33	92/ 2.34	1.38/ 1.05	1.68/ 1.28	3250/ 1470	\$ 14,101	1.32/ 1.00	1.60/ 1.22	3200/ 1450	\$ 14,721	16500/	43.2/	92°	46.5/	41.5/
		33 -	96/ 2.44		1.75/ 1.34	3520/ 1597 15,080			1.70/ 1.30	3400/ 1540	15,719	7480	1.09	92	1.18	1.05

Note: Refer to page 4-10 for compatible CF Loader Couplers.



