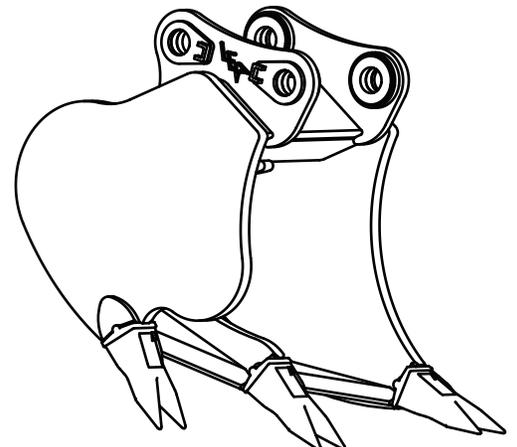
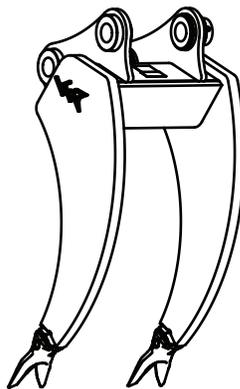
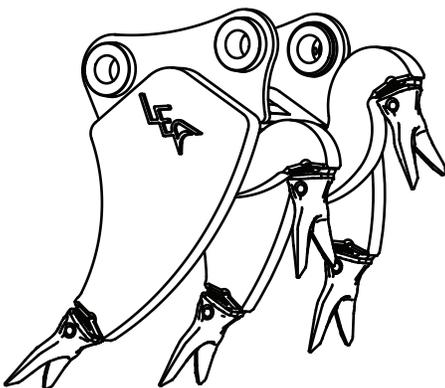
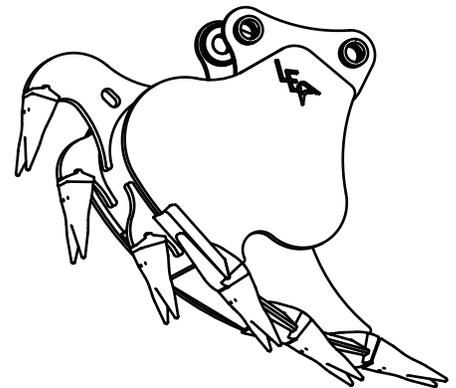
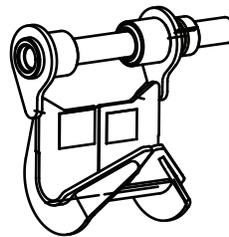
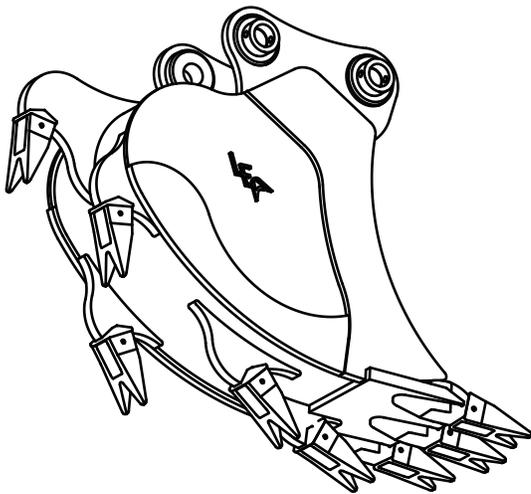
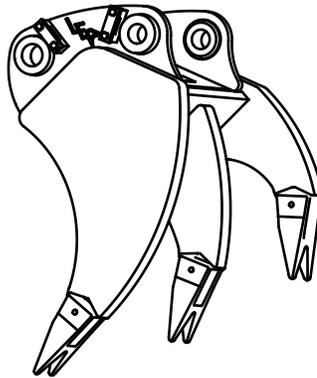
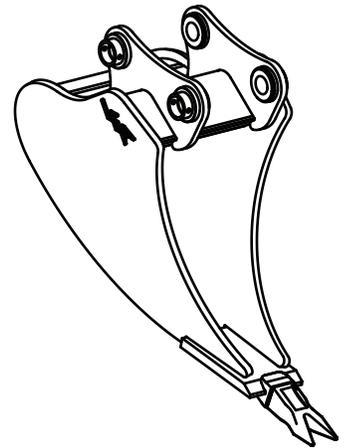
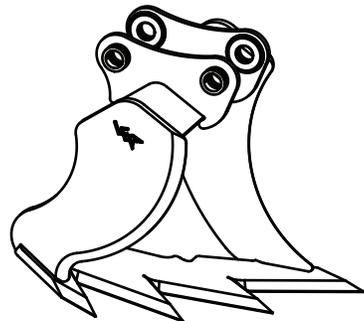
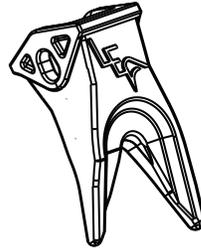
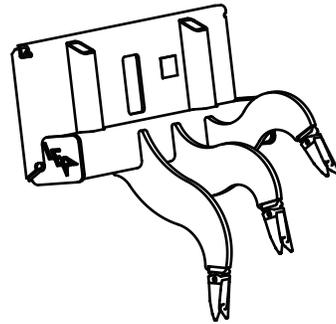


# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



**Leading Edge Attachments, Inc. ® P.O. Box 178, Jefferson, MA 01522**  
Call: 508-829-4855 Email: [Sales@Leattach.com](mailto:Sales@Leattach.com) Website: [www.digrock.com](http://www.digrock.com)

# Couplers and Attachments For Construction Equipment

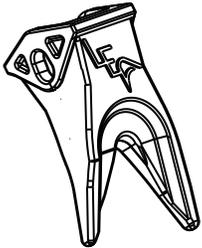
"The World Leader in Excavator Rock and Frost Ripping Attachments"



## Products That Make Money!

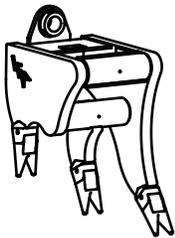
### Teeth:

MTG Dealer offering our proprietary Multi-Ripper Tooth.



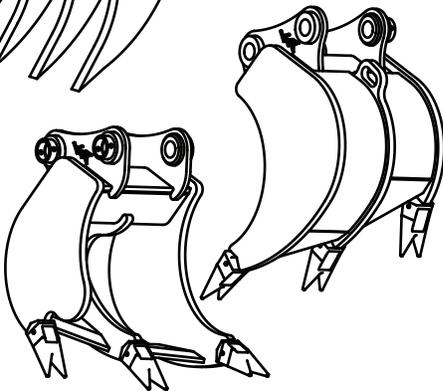
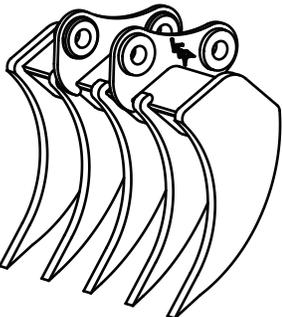
### Buckets:

We provide all styles and versions of buckets for most types of equipment. - Call



### Special Buckets:

Pin-On "Multi-Ripper® Buckets," DigNRip, Single Pointed Ripper Buckets, 2-Way, Ditching, Trapazoidal Vee, Pavement Removal, Sand Buckets and others---Call



### Rippers:

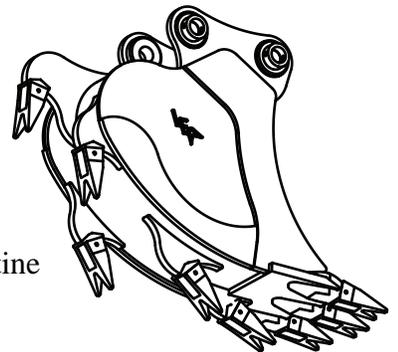
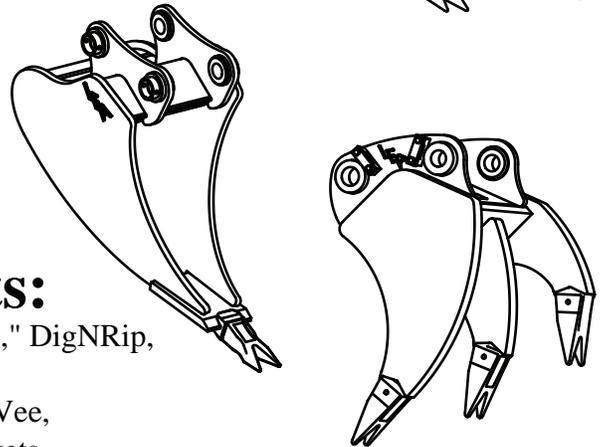
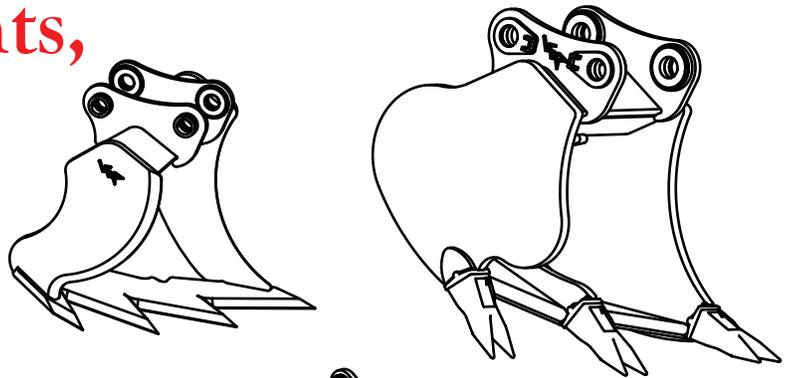
"Multi-Ripper" or single pointed versions available for 6,000 up to 300,000 pound machines.

### Rakes:

Hardox 400 construction curved tine in straight, "Multi-Ripper Rake" or QC versions.

### Couplers:

Pin-Grabber style couplers for backhoes and excavators.



(Download our catalog from our website)

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# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Company Background:

Leading Edge Attachments, Inc. ® is a Massachusetts Corporation in its seventeenth year of operation. LEA, Inc. designs, patents and provides high quality severe duty construction equipment attachments and couplers direct to contractors, and, through all OEM Excavator dealers throughout the globe.

The Engineering and Sales office of LEA is in Massachusetts and the manufacturing for the US is performed primarily in facilities located in central Wisconsin.

LEA has developed, and been issued, patents and has been won awards on the "SHARC™ Technology" products, originating with the award-winning Multi-Ripper® and the Multi-Ripper Bucket, Multi-Ripper Tooth, the Stumpiranha™ stump ripper, The Raptor Bucket™, the Stag Bucket™, the Multi-DigNRip Bucket™, and the AlignAttach™ attachment coupling device.

In addition to the LEA designed product, LEA can provide a wide variety of construction equipment attachments and teeth that are obtained through relationships with other manufacturers and suppliers of new equipment.

### **Mission:**

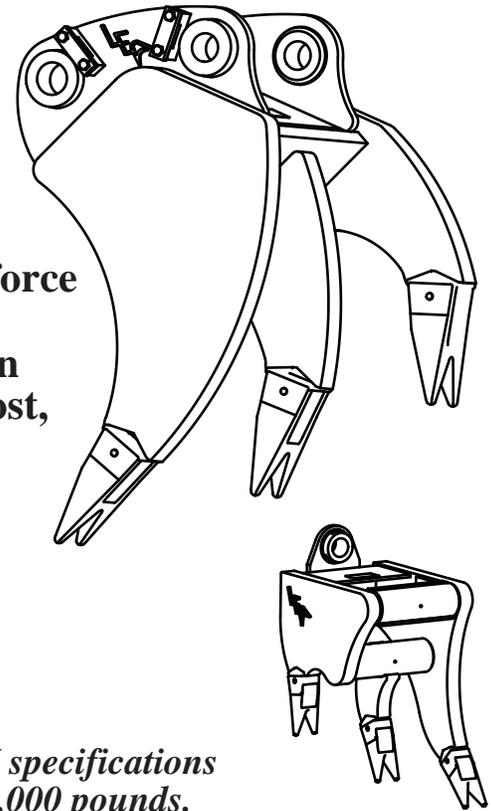
Leading Edge Attachments, Inc. was founded with the mission of providing innovative and productive construction equipment attachments and couplers. LEA will solve problems for the dealer and the equipment owner, by focusing on providing high quality products with hassle-free service.

# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Multi-Ripper®



- Making your excavator work like a trencher**
- \*Breaking rock or frost with the maximum breakout force applied individually to each tooth**
- \*Rip the sides of the trench with no depth limitation**
- \*4 times faster than a hammer, at a fraction of the cost, using our patented (US 7,322,133 CA2,521,725)**

*Owners Claim:  
"this is the best attachment  
that I ever bought"*



*Highest quality manufacturing in USA to OEM specifications  
to fit any brand excavator or backhoe above 6,000 pounds.  
With Swedish Hardox 400 shanks and replaceable teeth!*

Machine Weight in Pounds	Cat Model Ref	Komatsu Model Ref	John Deere Model Ref	Hitachi Model Ref	Teeth	Width x Tip Radius	Wgt. lbs.	HARDOX Shank Thick
6-11,000	304CR	PC35MR	35D	ZX35U	MG10W	13 x 19	120	1
11-16,000	308	PC78	410	ZX60	MG10W	18 x 31	390	1.5
16-25,000	450	PC88	85D	ZX85	MA15W	20 x 32	575	1.5
25-30,000	312	PC130	120D	ZX120	MA20W	24 x 34	890	2
30-40,000	315	PC160	160D	ZX160	MA20W	24 x 36	930	2
40-50,000	320	PC200	200D	ZX200	MA30WR	30 x 38	1,200	2.5
50-65,000	325	PC220	227D	ZX270	MA30WR	30 x 38	1,260	2.5
65-85,000	330	PC300	350D	ZX350	MA50WR	36 x 44	2,050	3
85-110,000	345	PC400	450D	ZX450	MA50WR	36 x 45	2,300	3
110-160,000	365	PC600	650D	ZX650	MA120W	42 x 52	3,940	4
160-220,000	385	PC800	800D	ZX850	MA120W	46 x 56	4,930	4
220-300,000	5110	PC1250	1200D	EX1200	MA180W	64 x 70	7,100	4

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# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Hi-Production Multi-Ripper®

**Making your excavator work like a trencher**  
**Breaking rock or frost with the maximum breakout force**  
**applied individually to each tooth**  
**Rips the sides of the trench with no depth limitation**  
**4 times faster than a hammer, at a fraction of the cost**  
**Double the rotation of the original Multi-Ripper**



US Patent Number 7,322,133  
 Canadian Patent Number 2,521,725  
 Mexican Patent Number 272,981  
 Patents Granted and Pending  
 in many other countries

*Owners Claim:  
 "this is the best attachment  
 that I ever bought"*



*Highest quality manufacturing in USA to OEM specifications  
 to fit any brand excavator or backhoe above 6,000 pounds.  
 With Swedish Hardox 400 shanks and replaceable teeth!*

Machine Weight in Pounds	Metric Tonn Class	Cat Model Ref	Komatsu Model Ref	John Deere Model Ref	Teeth Option ESCO	Teeth Option MTG StarMet	Width x Tip Radius	Wgt. Lbs.	HARDOX Thickness
6-11,000	4	304CR	PC35MR	35D	U20	N/A	13 x 19	140	1
11-16,000	6	420	PC78	410	U20	N/A	18 x 31	455	1.5
16-25,000	9	308	PC88	85D	U25	MA15W	20 x 32	670	1.5
25-30,000	12	312	PC130	120D	U25	MA15W	24 x 34	1,040	2
30-40,000	15	315	PC160	160D	U30	MA20W	24 x 36	1,090	2
40-50,000	20	320	PC200	200D	U40	MA30WR	30 x 38	1,400	2.5
50-65,000	25	325	PC220	227D	U40	MA30WR	30 x 38	1,470	2.5
65-85,000	30	330	PC300	350D	U55	MA50WR	36 x 44	2,390	3
85-110,000	45	345	PC400	450D	U55	MA50WR	36 x 45	2,680	3
110-160,000	60	365	PC600	650D	U60	MA120W	42 x 52	4,600	3.5
160-220,000	80	385	PC800	800D	65SV2	MA120W	46 x 56	5,750	4
220-300,000	120	5110	PC1250	1200D	70SV2	MA180W	64 x 70	8,280	4

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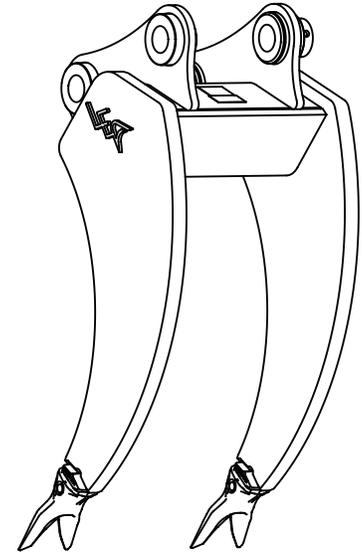
# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Wolverine Ripper

**This great root ripper and stump remover has no cross members to cause drag, and is curved to reduce the power required to slice through packed earth and roots. When used with a thumb, this ripper allows the operator to extract the stump with the minimum amount of dirt.**



*Highest quality manufacturing in USA to OEM specifications to fit any brand excavator or backhoe above 6,000 pounds. With Swedish Hardox 400 shanks and replaceable teeth!*

Machine Weight in Pounds	Metric Tonn Class	Cat Model Ref	Komatsu Model Ref	John Deere Model Ref	Teeth Option ESCO	Teeth Option MTG StarMet	Width x Tip Radius	Wgt. lbs.	HARDOX Thickness
6-11,000	4	304CR	PC35MR	35D	U20	N/A	14 x 22	135	1
11-16,000	6	420	PC78	410	U20	N/A	18 x 36	440	1.25
16-25,000	9	308	PC88	85D	U25	MA15W	20 x 36	650	1.25
25-30,000	12	312	PC130	120D	U25	MA15W	24 x 48	1000	1.5
30-40,000	15	315	PC160	160D	U30	MA20W	24 x 48	1050	1.5
40-50,000	20	320	PC200	200D	U40	MA30WR	30 x 55	1,350	2
50-65,000	25	325	PC220	227D	U40	MA30WR	30 x 55	1,420	2
65-85,000	30	330	PC300	350D	U55	MA50WR	36 x 60	2,300	2.5
85-110,000	45	345	PC400	450D	U55	MA50WR	36 x 60	2,580	2.5
110-160,000	60	365	PC600	650D	U60	MA120W	42 x 67	4,430	3
160-220,000	80	385	PC800	800D	65SV2	MA120W	46 x 72	5,540	3.5
220-300,000	120	5110	PC1250	1200D	70SV2	MA180W	54 x 86	7,980	3.5

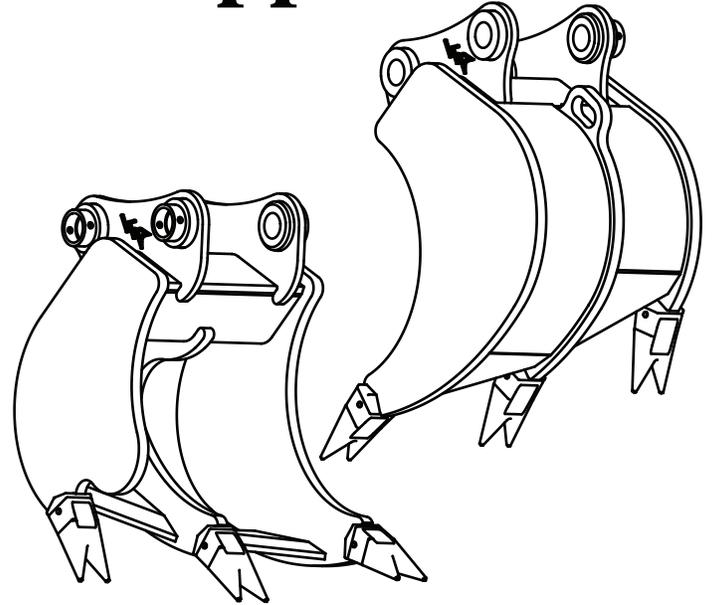
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# Couplers and Attachments For Construction Equipment

"The World Leader in Excavator Rock and Frost Ripping Attachments"



## Multi-Ripper® Bucket



- Making your excavator work like a trencher
- \*Breaking rock or frost with the maximum breakout force applied individually to each tooth
  - \*Rip the sides of the trench with no depth limitation
  - \*4 times faster than a hammer, at a fraction of the cost, using our patented (US 7,322,133 CA2,521,725)



*Owners Claim:  
"this is the best attachment that I ever bought"*

*Highest quality manufacturing in USA to OEM specifications to fit any brand excavator, "Pin-Grabber" or Wain-Roy(R) style couplers for excavators or backhoes above 6,000 pounds. With AR400 shanks and replaceable teeth!*

Machine Weight in Pounds	Metric Ton Class	Cat Model Ref	Teeth Option ESCO	Teeth Option MTG StarMet	Width x Tip Radius	Wgt. Lbs.	HARDOX Thickness	Heap Cap. CuYd
6-11,000	4	304CR	U20	N/A	18 x 18	230	1	0.04
11-16,000	6	420	U20	N/A	18 x 30	440	1	0.09
16-25,000	9	308	U25	MA15W	18 x 30	560	1.25	0.12
25-30,000	12	312	U25	MA15W	24 x 39	1,030	1.25	0.18
30-40,000	15	315	U30	MA20W	24 x 42	1,340	1.5	0.24
40-50,000	20	320	U40	MA30WR	30 x 48	1,690	1.5	0.45
50-65,000	25	325	U40	MA30WR	30 x 48	1,740	1.5	0.45
65-85,000	30	330	U55	MA50WR	36 x 49	2,700	2	0.54
85-110,000	45	345	U55	MA50WR	36 x 50	2,780	2	0.54
110-160,000	60	365	U60	MA120W	42 X 58	5,850	2.5	0.8
160-220,000	80	385	65SV2	MA120W	48 x 69	8,200	3	1.5
220-300,000	120	5110	70SV2	MA180W	54 x 78	11,940	3	2.12

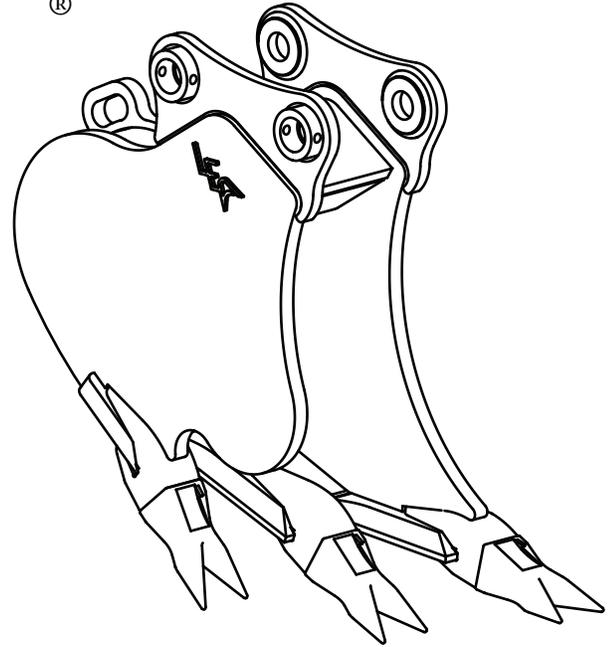
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# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Multi-Ripper Talon Bucket®



- A narrow version of our Hi-Cap Multi-Ripper Bucket
- \*Breaking rock or frost with the maximum breakout force applied individually to each tooth
- \*Rip the sides of the trench with no depth limitation
- \*Uses conventional tooth adapters and no bucket center rib
- \*Allows narrow trench rock ripping using our patented (US 7,322,133 CA2,521,725)

*Owners Claim:  
"this is the best attachment that I ever bought"*



*Highest quality manufacturing in USA to OEM specifications to fit any brand excavator or backhoe above 6,000 pounds. With Swedish Hardox 400 shanks and replaceable teeth!*

Machine Weight in Pounds	Metric Ton Class	Cat Model Ref	Teeth Option ESCO	Teeth Option MTG StarMet	Width x Tip Radius	Wgt. lbs.	HARDOX Thickness	Heap Cap. CuYd
6-11,000	4	304CR	U20	N/A	14 x 22	248	1	0.07
11-16,000	6	420	U20	N/A	16 x 36	520	1	0.11
16-25,000	9	308	U25	MA15W	16 x 36	580	1.25	0.15
25-30,000	12	312	U25	MA15W	18 x 48	1272	1.25	0.27
30-40,000	15	315	U30	MA20W	22 x 48	1424	1.5	0.35
40-50,000	20	320	U40	MA30WR	22 x 55	1,904	1.5	0.47
50-65,000	25	325	U40	MA30WR	24 x 55	1,984	1.5	0.5
65-85,000	30	330	U55	MA50WR	24 x 60	3,280	2	0.62
85-110,000	45	345	U55	MA50WR	30 x 60	3,675	2	0.86
110-160,000	60	365	U60	MA120W	36 x 67	7,190	2.5	1.4
160-220,000	80	385	65SV2	MA120W	39 x 72	7,936	3	1.56
220-300,000	120	5110	70SV2	MA180W	42 x 86	11,280	3	2.6

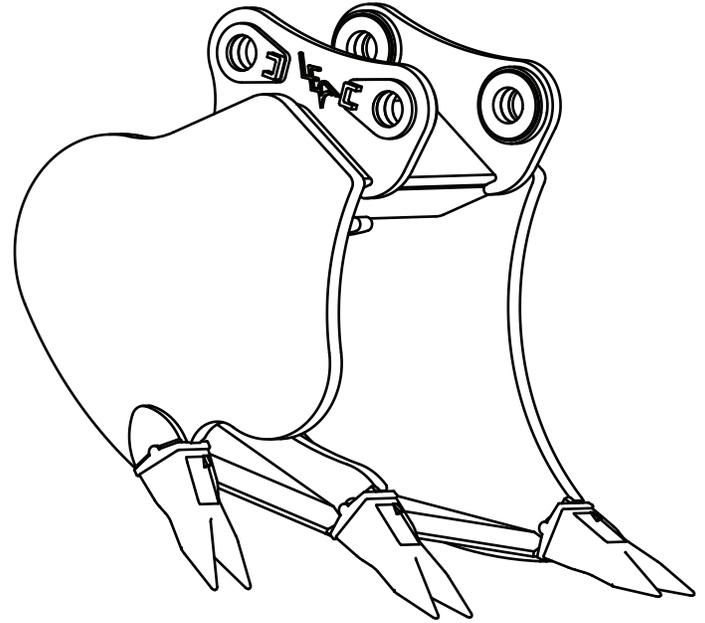
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# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Hi-Cap Multi-Ripper® Bucket



- Making your excavator work like a trencher
- \*Breaking rock or frost with the maximum breakout force applied individually to each tooth
  - \*Rip the sides of the trench with no depth limitation
  - \*4 times faster than a hammer, at a fraction of the cost, using our patented (US 7,322,133 CA2,521,725)



*Owners Claim:  
"this is the best attachment that I ever bought"*

*Highest quality manufacturing in USA to OEM specifications to fit any brand excavator or backhoe above 6,000 pounds. With Swedish Hardox 400 shanks and replaceable teeth!*

Machine Weight in Pounds	Metric Ton Class	Cat Model Ref	Teeth Option ESCO	Teeth Option MTG StarMet	Width x Tip Radius	Wgt. lbs.	HARDOX Thickness	Heap Cap. CuYd
6-11,000	4	304CR	U20	N/A	18 x 22	310	1	0.09
11-16,000	6	420	U20	N/A	24 x 36	650	1	0.18
16-25,000	9	308	U25	MA15W	24 x 36	725	1.25	0.25
25-30,000	12	312	U25	MA15W	24 x 48	1590	1.25	0.4
30-40,000	15	315	U30	MA20W	24 x 48	1780	1.5	0.4
40-50,000	20	320	U40	MA30WR	30 x 55	2,380	1.5	0.72
50-65,000	25	325	U40	MA30WR	30 x 55	2,480	1.5	0.72
65-85,000	30	330	U55	MA50WR	36 x 60	4,300	2	1.1
85-110,000	45	345	U55	MA50WR	42 x 60	4,450	2	1.32
110-160,000	60	365	U60	MA120W	42 X 67	6,900	2.5	1.7
160-220,000	80	385	65SV2	MA120W	54 X 72	9,920	3	2.5
220-300,000	120	5110	70SV2	MA180W	54 x 86	14,100	3	3.75

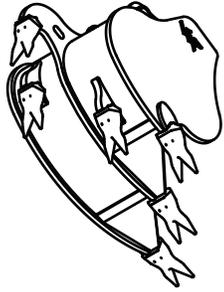
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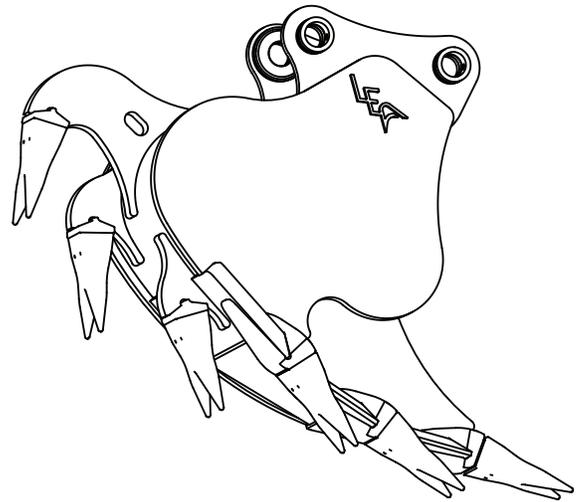
*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Multi-DigNRip™ Bucket



*Owners Claim:  
"this is the best attachment  
that I ever bought"*



*The patent pending Multi-DigNRip™ Bucket can replace hammers, blasting and rock trenchers, for a fraction of the cost, offered specifically for high production rip and load applications where a wider rock ripping bucket is required. Manufactured in the USA, the Multi-DigNRip Bucket is a combination of the high force producing Multi-Ripper® Bucket, and the high capacity of the proven DigNRip™ Bucket.*

*Highest quality manufacturing in USA to OEM specifications to fit any brand excavator or backhoe above 6,000 pounds. With Swedish Hardox 400 shanks and replaceable teeth!*

Machine Weight in Pounds	Cat Model Ref	Komatsu Model Ref	John Deere Model Ref	Hitachi Model Ref	Teeth MTG KingMet	Teeth Option ESCO	Teeth Option MTG StarMet	Width x Tip Radius	Weight	Capacity	HARDOX Thickness
6-11,000	304CR	PC35MR	35D	ZX35U	N/A	U20	N/A	20 x 22	341	0.12	1
11-16,000	420	PC78	410	ZX60	MG10W	U20	N/A	28 x 36	715	0.22	1
16-25,000	308	PC88	85D	ZX85	MG15W	U25	MA15W	28 x 36	798	0.3	1.25
25-30,000	312	PC130	120D	ZX120	MG15W	U25	MA15W	30 x 48	1,749	0.53	1.25
30-40,000	315	PC160	160D	ZX160	MG20W	U30	MA20W	30 x 48	1,958	0.55	1.5
40-50,000	320	PC200	200D	ZX200	MG30WR	U40	MA30WR	36 x 55	2,618	0.91	1.5
50-65,000	325	PC220	227D	ZX270	MG30WR	U40	MA30WR	36 x 55	2,728	0.94	1.5
65-85,000	330	PC300	350D	ZX350	MG55WR	U55	MA50WR	42 x 60	4,730	1.34	2
85-110,000	345	PC400	450D	ZX450	MG55WR	U55	MA50WR	48 x 60	4,895	1.55	2
110-160,000	365	PC600	650D	ZX650	MG80W	U60	MA120W	54 X 67	7,590	2.3	2.5
160-220,000	385	PC800	800D	ZX850	N/A	65SV2	MA120W	60 X 72	10,912	2.88	3
220-300,000	5110	PC1250	1200D	EX1200	N/A	70SV2	MA180W	66 x 86	15,510	4.9	3

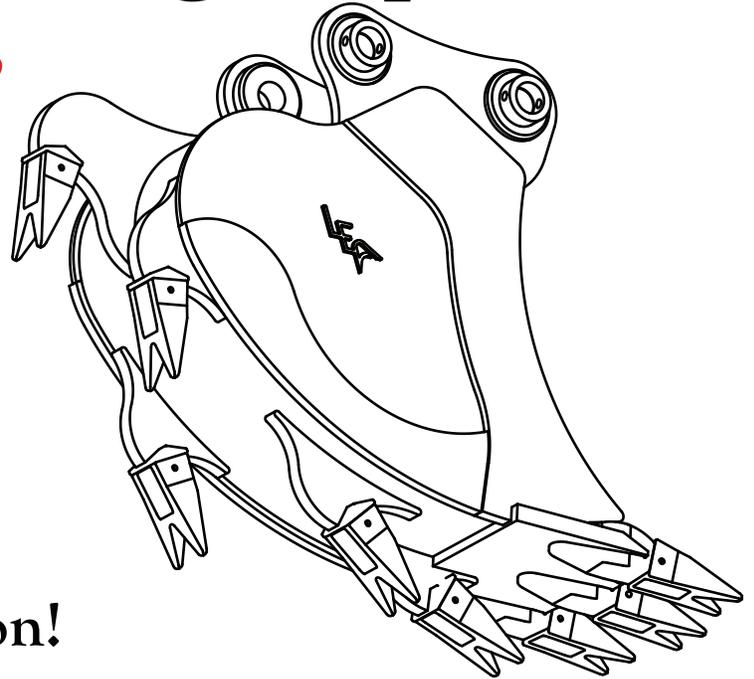
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*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## DigNRip™ Bucket



**Works like a trencher  
for your excavator  
or backhoe!**

**Ripping and Digging  
in One Operation!**

The LEA DigNRip Bucket uses a form of the "Shanks On An Arc Technology," except the front leading edge is more like a conventional bucket. The back of the bucket functions similarly to that of a trencher, so while the operator is scouping, the back of the bucket is ripping in preparation for the next scoup. There are several other manufactured copies of this bucket design, however, most of them do not position the shanks to be on an arc that has its center of rotation near the stick pivot point. Although the Multi-Ripper Bucket is superior to the DigNRip Bucket for ripping, some applications may benefit from this design because it has more capacity and uses a more conventional front leading edge.

Machine Weight in Pounds	Metric Ton Class	Cat Model Ref	Teeth Option ESCO	Teeth Option MTG StarMet	Width x Tip Radius	Wgt. lbs.	HARDOX Thickness	Heap Cap. CuYd
6-11,000	4	304CR	U20	N/A	N/A	N/A	N/A	N/A
11-16,000	6	420	U20	N/A	N/A	N/A	N/A	N/A
16-25,000	9	308	U25	MA15W	24 x 36	800	1.25	0.25
25-30,000	12	312	U25	MA15W	24 x 48	1010	1.25	0.4
30-40,000	15	315	U30	MA20W	24 x 48	2245	1.5	0.4
40-50,000	20	320	U40	MA30WR	30 x 55	2360	1.5	0.72
50-65,000	25	325	U40	MA30WR	30 x 55	2400	1.5	0.72
65-85,000	30	330	U55	MA50WR	36 x 60	4290	2	1.1
85-110,000	45	345	U55	MA50WR	42 x 60	5850	2	1.32
110-160,000	60	365	U60	MA120W	42 X 67	7500	2.5	1.7
160-220,000	80	385	65SV2	MA120W	N/A	N/A	N/A	N/A

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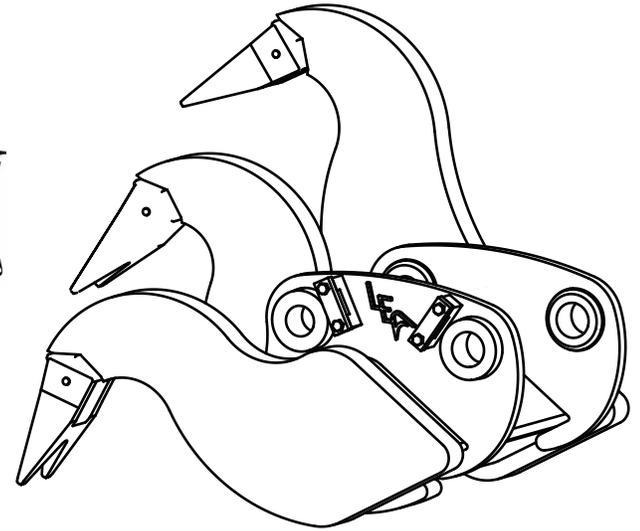
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# Couplers and Attachments For Construction Equipment

*"Leading Technology to Advance Productivity"*



## Multi-Scaler™



**This tool converts your excavator into a mechanical scaler for mining applications!**

The Multi-Scaler works similarly to the award winning Multi-Ripper but raked back for wall and ceiling applications

Shorter than conventional buckets for multiplied forces!  
Teeth are on an arc and hit one at a time with full force!

Removes loose material without fracturing remaining material.

Users have claimed that scaling time is cut in half!

Machine Weight in Pounds	Metric Tonn Class	Cat Model Ref	Teeth MTG KingMet	Teeth Option ESCO	Teeth Option MTG StarMet	Width x Tip Radius	Wgt. Lbs.	HARDOX Thickness
40-50,000	20	320	MG30WR	U40	MA30WR	30 x 38	1,400	2.5
50-65,000	25	325	MG30WR	U40	MA30WR	30 x 38	1,470	2.5
65-85,000	30	330	MG55WR	U55	MA50WR	36 x 44	2,390	3
85-110,000	45	345	MG55WR	U55	MA50WR	36 x 45	2,680	3
110-160,000	60	365	MG80W	U60	MA120W	42 x 52	4,600	3.5
160-220,000	80	385	N/A	65SV2	MA120W	46 x 56	5,750	4

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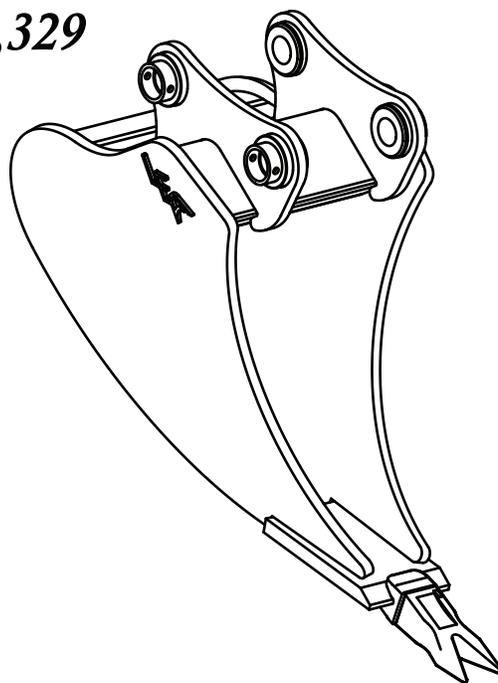
# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## V-Raptor<sup>TM</sup> Bucket (Single Pointed Ripper Bucket)

Patent# 7,992,329



- Ripper/bucket combination*
- Rip and scoop with one tool*
- Full excavator force through one tooth*
- Facilitates prying*
- Reduces amount of necessary ripping*
- Reduces backfil amount*
- Creates clean V shaped trench*
- Stump prying is easier*
- Cradles rocks and stumps*
- Highest quality materials*

*Highest quality manufacturing in USA to OEM specifications  
to fit any brand excavator.  
With Swedish Hardox 400 shanks and replaceable teeth!*

Machine Weight in Pounds	Cat Model Ref	Komatsu Model Ref	John Deere Model Ref	Hitachi Model Ref	Teeth MTG KingMet	Teeth Option ESCO	Teeth Option MTG StarMet	Width x Tip Radius	Wgt. Lbs.	HARDOX Thickness
6-11,000	304CR	PC35MR	35D	ZX35U	N/A	U20	N/A	14 x 24	180	0.75
11-16,000	420	PC78	410	ZX60	MG10W	U20	N/A	19 x 33	410	0.75
16-25,000	308	PC88	85D	ZX85	MG15W	U25	MA15W	20 x 36	520	1
25-30,000	312	PC130	120D	ZX120	MG15W	U25	MA15W	25 x 41	1,075	1
30-40,000	315	PC160	160D	ZX160	MG20W	U30	MA20W	25 x 44	1,496	1.25
40-50,000	320	PC200	200D	ZX200	MG30WR	U40	MA30WR	32 x 50	1,890	1.25
50-65,000	325	PC220	227D	ZX270	MG30WR	U40	MA30WR	32 x 50	1,980	1.25
65-85,000	330	PC300	350D	ZX350	MG55WR	U55	MA50WR	34 x 52	2,920	1.5
85-110,000	345	PC400	450D	ZX450	MG55WR	U55	MA50WR	34 x 53	3,050	1.5
110-160,000	365	PC600	650D	ZX650	MG80W	U60	MA120W	36 x 60	5,760	2
160-220,000	385	PC800	800D	ZX850	N/A	65SV2	MA120W	46 x 72	9,040	2
220-300,000	5110	PC1250	1200D	EX1200	N/A	70SV2	MA180W	N/A	N/A	N/A

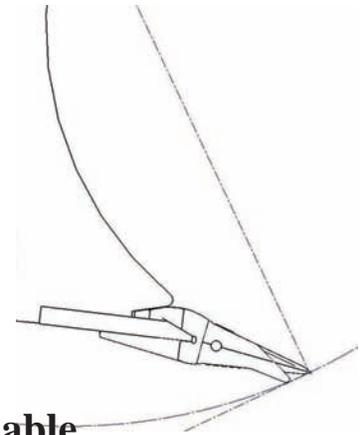
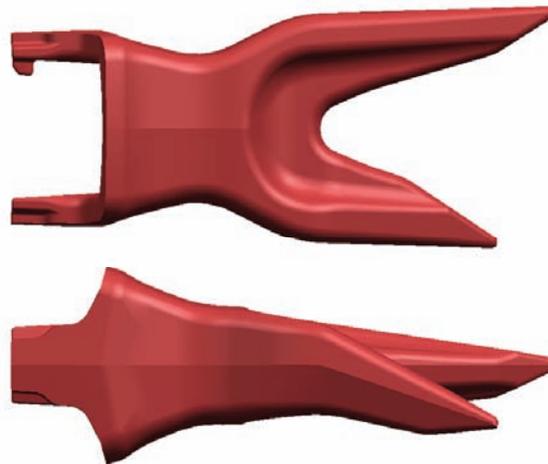
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# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Multi-Ripper<sup>®</sup> Tooth



**MG55WR KingMet Version Shown  
MA30WR and MA50WR StarMet Available**

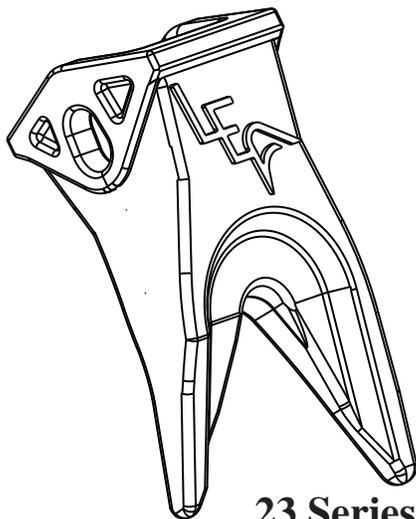
**\*Breaking rock or frost with the maximum breakout force applied individually to each point**

**\* The points lie on an arc about the stick pivot so that the ripped bottom stays relatively flat.**

**\* Is designed with self sharpening sides to improve side wall ripping.**

**\* Has the penetration of a single tiger tooth with the sidewall ripping of a twin tiger tooth using our patented (US 7,322,133 CA2,521,725)**

**Other patents pending.**



**23 Series Backhoe Version Shown**

Conventional twin tiger teeth have two points that help to rip rock; however, they are side by side so that when they come into contact with rock, the force is shared by the two points.

The two points of the MRT are positioned using the patented "SHARC" technology ("SHanks on an ARC") that places the points at staggered positions along an arc that has a center approximately near the bucket/stick pivot point. This allows the tooth to rip out a relatively flat bottom while focusing the entire excavator breakout on one point at a time.

The sides of the tooth are shaped so that the tooth can easily rip sidewalls of a trench and the shape has a self-sharpening design.

The MRT can be used on the Leading Edge Attachments, Inc. Multi-Ripper Products, or it can be used on a conventional bucket to provide increased ripping focused force.

The new 23 Series tooth will fit on any backhoe bucket that uses the H&L 23 Series adapters with flex pins. Other sizes are available for the Cat J450/J460 series and the MTG StarMet and KingMet series.

**Cat J450/460 Version is available**

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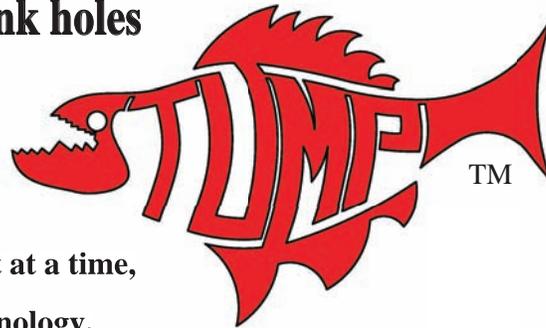
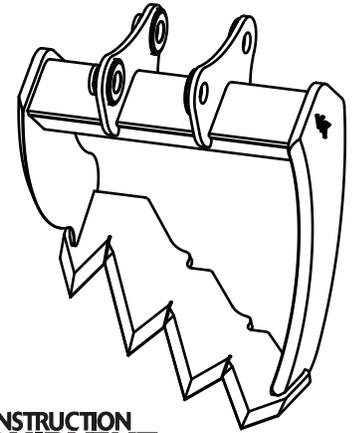
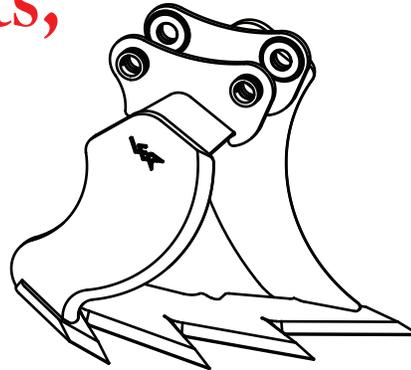
# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Stumpiranha™

replaces the slow process of stump grinding, and allows for complete removal without leaving grindings or stump remains that produce sink holes



CONSTRUCTION EQUIPMENT  
**Top 100**  
new products 2012

Equipment TODAY  
contractors'  
**top 50**  
NEW PRODUCTS  
2012 AWARD WINNER

Maximize tip force one point at a time, using patented "Shanks on an Arc" technology.

*Highest quality manufacturing in USA to OEM specifications to fit any brand excavator.*

Available for all models of excavators & backhoes					Stumpiranha		
Machine Weight in Pounds	Cat Model Ref	Komatsu Model Ref	John Deere Model Ref	Hitachi Model Ref	Width x Length	Wgt. Lbs.	Thick Blade
6-11,000	304CR	PC35MR	35	ZX35U	30 x 30	310	1
11-16,000	420	PC78	60	ZX60	36 x 36	450	1
16-25,000	450	PC88	85	ZX85	36 x 36	590	1.25
25-30,000	312	PC130	120	ZX120	42 x 42	940	1.25
30-40,000	315	PC160	160	ZX160	42 x 42	1,200	1.5
40-50,000	320	PC200	200	ZX200	48 x 48	1,520	1.5
50-65,000	324	PC220	270	ZX270	48 x 48	1,570	1.5
65-85,000	336	PC300	350	ZX350	54 x 54	2,400	2
85-110,000	345	PC400	450	ZX450	54 x 54	2,500	2
110-160,000	365	PC600	650	ZX650	60 x 60	5,260	2.5

*Specifications are subject to change without notice*

*Operators have claimed that a stump can be removed in less than half the time*

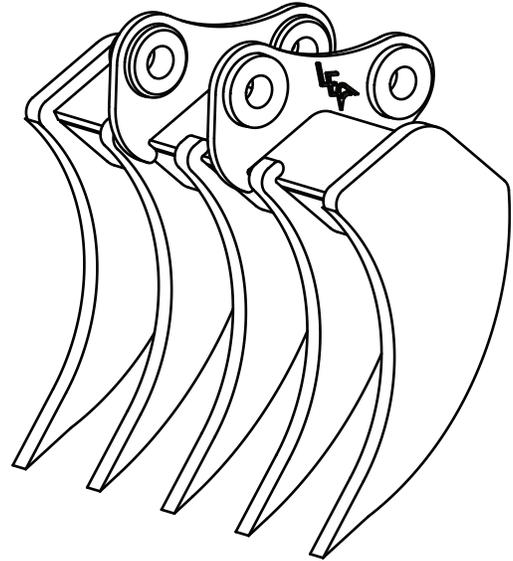
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Call: 508-829-4855 Email: Sales@Leattach.com Website: www.digrock.com

# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Fang Rake™



**Works like a grapple if used  
with a thumb!**

Made with Swedish Hardox 400 steel

No cross members

Custom models available

With or without teeth

Rock sifting models with raised sides available

These rakes are good for sifting through debris and rubble from demolition or ripping roots and rocks for land clearing. When used in conjunction with one of our thumbs, the rake has a similar function as a grapple. (Length listed below is measured from stick pivot center to the tine tip.)

Machine Weight in Pounds	Metric Ton Class	Cat Model Ref	Teeth MTG KingMet	Teeth Option ESCO	Teeth Option MTG StarMet	Width x Length	Wgt. Lbs.	HARDOX Thickness
6-11,000	4	304CR	MG10W	U20	N/A	30 x 32	320	1
11-16,000	6	420	MG10W	U20	N/A	36 x 38	450	1
16-25,000	9	308	MG15W	U25	MA15W	36 x 42	580	1
25-30,000	12	312	MG15W	U25	MA15W	42 x 48	1140	1.25
30-40,000	15	315	MG20W	U30	MA20W	42 x 52	1250	1.25
40-50,000	20	320	MG30WR	U40	MA30WR	48 x 56	1,750	1.5
50-65,000	25	325	MG30WR	U40	MA30WR	48 x 57	1,850	1.5
65-85,000	30	330	MG55WR	U55	MA50WR	52 x 68	3,900	2
85-110,000	45	345	MG55WR	U55	MA50WR	52 x 76	4,200	2
110-160,000	60	365	MG80W	U60	MA120W	58 x 83	5,920	2.5
160-220,000	80	385	N/A	65SV2	MA120W	N/A	N/A	N/A

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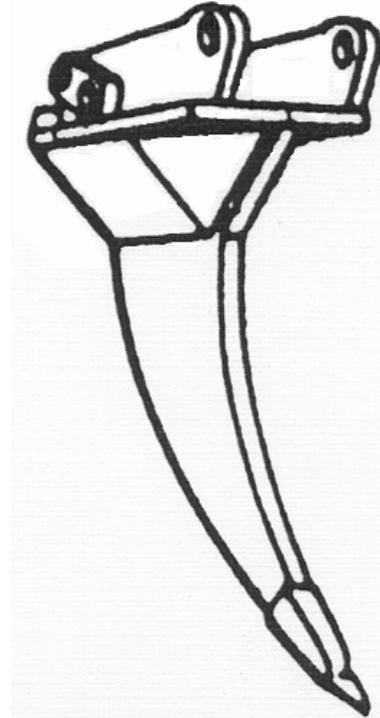
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# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Single Pointed Ripper



Built with high strength Swedish Hardox 400 alloy steel for long life.

Machine Weight in Pounds	Cat Model Ref	Komatsu Model Ref	Deere Model Ref	Length	Weight	Thick Tine	Twin Tiger Teeth
11-16,000	416	PC60	310	24"	400	1"	23 Srs.
16-25,000	446	PC90	710	26"	500	1.25"	J250
25-30,000	312	PC120	120	30"	800	2.00"	J250
30-40,000	315	PC180	160	36"	850	2.00"	J300
40-50,000	320	PC200	200	36"	850	2.00"	J350
50-65,000	325	PC220	230	36"	1,100	2.50"	J350
65-85,000	330	PC300	330	36"	1,200	2.50"	J460
85-110,000	345	PC400	450	54"	1,500	3.00"	J460
110-150,000	365	PC650	600	54"	2,500	3.50"	J550
150-180,000	375	PC750	750	72"	4,000	4.00"	J550

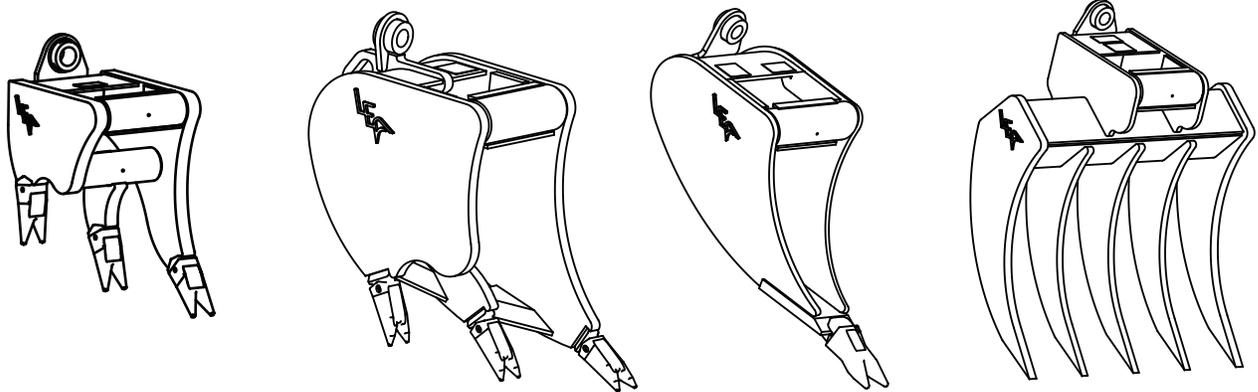
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# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Quick-Change Attachments



**Owners Claim:**  
*"this is the best attachment that I ever bought"*

*Highest quality manufacturing in USA to OEM specifications to fit any brand excavator or backhoe above 6,000 pounds. With Swedish Hardox 400 shanks and replaceable teeth!*

Machine Weight in Pounds	Cat Model Ref	Twin Tiger Teeth	QC Multi-Ripper			QC Multi-Ripper Bucket						
			Width x Length	Wgt. lbs.	HARDOX thick tine	Width x Length	Wgt. Lbs.	HARDOX Thick Side	Heap Cap. CuYd			
6-11,000	304CR	MG10W	13 x 22	170	1.5	13 x 22	250	1	0.04			
11-16,000	420	MG10W	15 x 31	280	1.5	18 x 31	450	1.25	0.09			
16-25,000	446	MG15W	16 x 32	461	2	18 x 30	610	1.25	0.18			
Machine Weight in Pounds	Cat Model Ref	Twin Tiger Teeth	QC Hi-Cap Multi-Ripper Bucket			QC Straight Rake			QC V-Raptor Bucket			
			Width x Length	Wgt. lbs.	Heap Cap. CuYd	Width x Length	Wgt. Lbs.	HARDOX Thick Tine	Width x Length	Wgt. lbs.	HARDOX Thick Edge	Heap Cap. CuYd
6-11,000	304CR	MG10W	18 x 24	325	0.09	30 x 28	440	0.75	14 x 28	186	0.75	0.03
11-16,000	420	MG10W	18 x 34	585	0.21	34 x 31	607	0.75	19 x 34	430	0.75	0.09
16-25,000	446	MG15W	18 x 34	795	0.21	48 x 32	740	0.75	22 x 38	540	1	0.1

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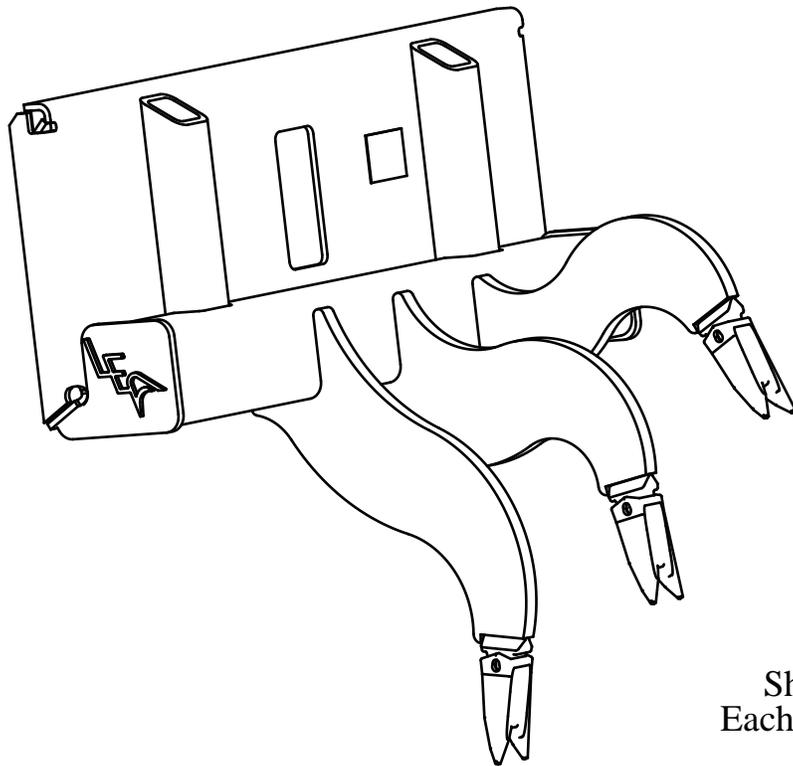
# Couplers and Attachments For Construction Equipment

*"The World Leader in Excavator Rock and Frost Ripping Attachments"*



## Multi-Ripper® Skid Steer

Making your skid steer work like a trencher  
 \*Ripping with the maximum breakout force  
 applied individually to each tooth  
 using our patented (US 7,322,133 CA2,521,725)



Rips rock, frost and even stumps.  
 Can replace a hammer in most applications.  
 Pops rocks out of the ground.  
 Loostens compacted ground.  
 No need for a trencher.  
 Easy on the machine.

Short pin-to point for multiplied forces.  
 Each tooth is on an arc and hits one at a time.  
 Thick Hardox 400 construction!  
 Replaceable teeth!

Number Of Tines	Weight	Teeth	Width of Cut	Depth of Cut	AR400 Thick Tine
3	410	MTG10	24	20	1

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# Couplers and Attachments For Construction Equipment

"The World Leader in Excavator Rock and Frost Ripping Attachments"



## Miscellaneous Attachments

Call Leading Edge for all of your attachment needs!  
We can supply the following:

### *Excavator and Backhoe Attachments*

*All types of buckets*

*Cemetery Buckets*

*Concrete Removal Buckets*

*Trapezoidal Vee Buckets*

*Round Bottom Buckets*

*Sand Buckets*

*Grapples*

*Teeth*

### *Loader Attachments*

*Buckets*

*Loader Rakes*

*Loader Grapple Rakes*

*Loader Couplers*

*Fork Lift Attachments*

# Couplers and Attachments For Construction Equipment

"The World Leader in Excavator Rock and Frost Ripping Attachments"



## Product Warranty Policy

### Warranty

Leading Edge Attachments, Inc. ® (d/b/a/LEA) warrants its own products (not products supplied as a dealer by an outside manufacturer) to be free from defects in design, material and workmanship for a period of one half year (180 days) from the date of delivery of the product to the original purchaser.

This Warranty is extended solely to the original purchaser of the product. There are no third party beneficiaries of this Warranty. If the original purchaser sells or transfers this product to a third party, this Warranty does not transfer to the third party purchaser.

This Warranty will not apply in the event that the product, in the good faith opinion of LEA, has been subjected to improper operation, improper maintenance, misuse, or an accident. Improper maintenance includes the application of hard-facing materials, or improper welding on Hardox alloy components. This Warranty does not cover wear or tear, or normal maintenance items. This Warranty does not apply to coupler or attachments that have been mated to other manufacturer's couplers or attachments, and there will be no reimbursements or replacements, if there is an outstanding balance due.

The LEA obligation under this Warranty is limited to, at the option of LEA, the repair or replacement of the product if LEA, in its sole discretion, deems it to be defective. Only after the approval of LEA, the product may be returned to LEA with proof of purchase, transportation charges prepaid, within thirty (30) days after such defect or noncompliance is discovered, routed through the dealer and distributor from whom the purchase was made. LEA shall complete such repair or replacement within a reasonable time after LEA receives the product. The remedy of repair or replacement is the sole remedy under this Warranty. For warrantee consideration, the original purchaser must supply a clear digital photograph of the overall product, and of the specific area related to the claim. If LEA allows the repair to be conducted locally to the purchaser, LEA and the repair company shall agree on the procedure, repair time, and total cost, prior to the repair. Purchaser shall provide a photo of the completed repair. This warrantee does not cover travel time, expenses, overtime, shop supplies, service call charges or repair related equipment.

LEA shall not be liable for any incidental or consequential losses, damages or expenses, arising directly or indirectly from the product, whether such claim is based upon breach of contract, breach of warranty, negligence, strict liability in tort or any other legal theory. Without limiting the generality of the foregoing, LEA, Inc. specifically disclaims any damages relating to (i) lost profits, business, revenues or goodwill; (ii) loss because of delay of job; (iii) any expense or loss incurred for labor, supplies, travel, substitute machinery or rental; or (iv) any other type of damage to property or economic loss.

There are no warranties which extend beyond the description on the face of this Warranty. LEA disclaims any implied Warranty of merchantability and/or any implied Warranty of fitness for a particular purpose. LEA makes no other warranty, express or implied. The laws of the state of Massachusetts will govern this Warranty and any dispute that might arise.

Warranty service questions may be obtained by contacting:

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