

GRAPPLE TREE SHEARS



JAK 200

JAK 250

JAK 300

JAK 400

WEIGHT (WITHOUT OPTIONS)	308 lbs	595 lbs	1,256 lbs	4,300 lbs
CUTTING DIAMETER	8 in	10 in	12 in	16 in
WORKING PRESSURE	2,900-4,500 psi	3,625-4,500 psi	3,625-4,500 psi	3,600-4,500 psi
MINIMUM OIL FLOW	8 gal/min	16 gal/min	16 gal/min	50-60 gal/min
GRAPPLE OPENING	24 in	28 in	33 in	40 in
EXCAVATORS	2-5 ton	5-12 ton	12-20 ton	20+ ton

FEATURES & BENEFITS

- Bolt on blade design allows the shear to turn into a dedicated grapple, also makes blade changes simple
- Special rounded shape of cutter blade provides low cutting resistance.
- Operator friendly, simple, fast, and safe to use
- Coupling plate bolts on and is easily replaced for all types of excavators, skid steers, or log loaders.
- Dual acting cylinders for maximum shearing power.
- Options include Rotator, Collector, and Saw which are bolt on and can be added at any time.



CRANE CONVERSIONS



BoomMaster Series revolutionary conversion system to conventional telescopic cranes. Allowing high reach for a variety of implements, tree grapples with saw or shear, woodchipper, concrete breaker or metal shears etc.

Available for 45-60-ton boom truck chassis, all terrain, tracked, or rough terrain chassis mounted configurations.

Reach from 82' and up.



Coming Soon: RagnarTech's ChipperHead

RAGNARTECH TILT ROTATOR SERIES



RagnarTech Tilt Rotator Series are built with machine specific quick couplings top and bottom, to be extremely cost effective, compact, and strong. Two double acting cylinders provide high tilting force at 50-degrees in each direction. Each size of Tilt Rotator can be equipped anytime with an optional bolt on rotation device that provides full continuous 360-degree rotation. Easy to install, with up to two hydraulic circuits and no electric controls required. The elimination of electronics makes them suitable for wet and submerged work.

RAGNARTECH
Practica Novitates

662 MAIN STREET, FREMONT, NH 03044
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**PRACTICAL
INNOVATIONS
FOR THE TREE
CARE INDUSTRY**

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POWERGRAB SERIES

A self-powered and remote-controlled log grapple with a bar saw that can cut up to 24-36 inches in diameter. Designed to be suspended from a mobile crane, so that the operator can maneuver the grapple onto a tree, make a cut and then lift out of harm's way. Then safely lower the section removed to the ground, without the need for a climber to be hoisted up in the tree to choke and cut. With our electric isolator option working near powerlines is safer than ever before.



POWERGRAB 2400

POWERGRAB 3600

CUTTING CAPACITY	24 in
SUGGESTED CRANE SIZE	50+ ton
POWER UNIT	38HP Kohler
PUMP TYPE	Parker pressure and flow compensated pump
CONTROLLER	Iqan Control Scanreco Remote
UNIT WEIGHT	5,000 lbs

CUTTING CAPACITY	36 in
SUGGESTED CRANE SIZE	80+ ton
POWER UNIT	CAT 2.2 T4 Final Diesel Engine with 60HP
PUMP TYPE	Parker pressure and flow compensated pump
CONTROLLER	Iqan Control Scanreco Remote
UNIT WEIGHT	7,900 lbs

Coming Soon: PowerGrab 1800 provides a crane attachment for the smaller less than 50-ton cranes.

CRANE ACCESSORIES



INSULATING LINKAGE

An insulating link that protects the crane and operator from up to 100,000 Kv making work near powerlines safer.



MANBASKET

The ability to belay sections of a tree down safely utilizing the overhead beam and rope auto-lock mechanism.

Accommodates up to two people

Storage compartment to store tools, chainsaws and etc.

Unit Weight: 800 lbs

Rated up to 2,500 lbs



ROTATION CONTROL

RagnarTech's two sheaves block and hydraulic rotator system, 2-part your crane cable which creates cable spread and gives you complete 360-degree rotation control of the load, without cable twisting.

RAGNARTECH ATTACHMENTS

SawMaster grapple and bar saw designed for telehandlers, excavators, and a variety of other construction equipment. Cuts up to 40 inches in diameter. The strong and tested SawMaster grapple is manufactured with a variety of quick disconnects available with or without pivoting saw assembly. Ideal for land clearing, pruning, roadside vegetation management, pasture edge maintenance, and forest thinning.



Features:

- High torque rotator allows for full 360-degree rotation for cutting trees.
- Teeth and check valves for secure grip of trees
- Reinforced grapple for handling of loads from vertical trees
- Bolted on quick disconnect attachment.

SAWMASTER 120

SAWMASTER 160

SAWMASTER 200

WEIGHT	684 lbs	2,400 lbs	1,213 lbs
MAX LOAD	5,510 lbs	8,818 lbs	13,227 lbs
CUTTING DIAMETER	24 in	28 in	40 in
HEIGHT, ARMS (TIP-TIP)	35 in	39 in	45 in
MAX OPERATING PRESSURE	3,625 psi	3,625 psi	3,625 psi
GRIPPING FORCE, ARMS TIP-TIP AT 3,625 PSI	3,600 pounds-force	4,500 pounds-force	5,400 pounds-force

SPLITMAX SERIES



SplitMax Series designed up to 30-ton excavators allows for stump and wood processing. Quick connect provides the ability to remove large and difficult stumps. Two heavy-duty integrated cylinders allow for maximum shearing force. Backfill Plate provides the ability to move logs or stumps, move dirt into holes, or push brush away from an area. Bolt-in splitting knives are designed with high-strength abrasion-resistant steel. Optional knives design for various applications such as Bolt-in Cross Cut Knives or Pointed Ripper Knives.

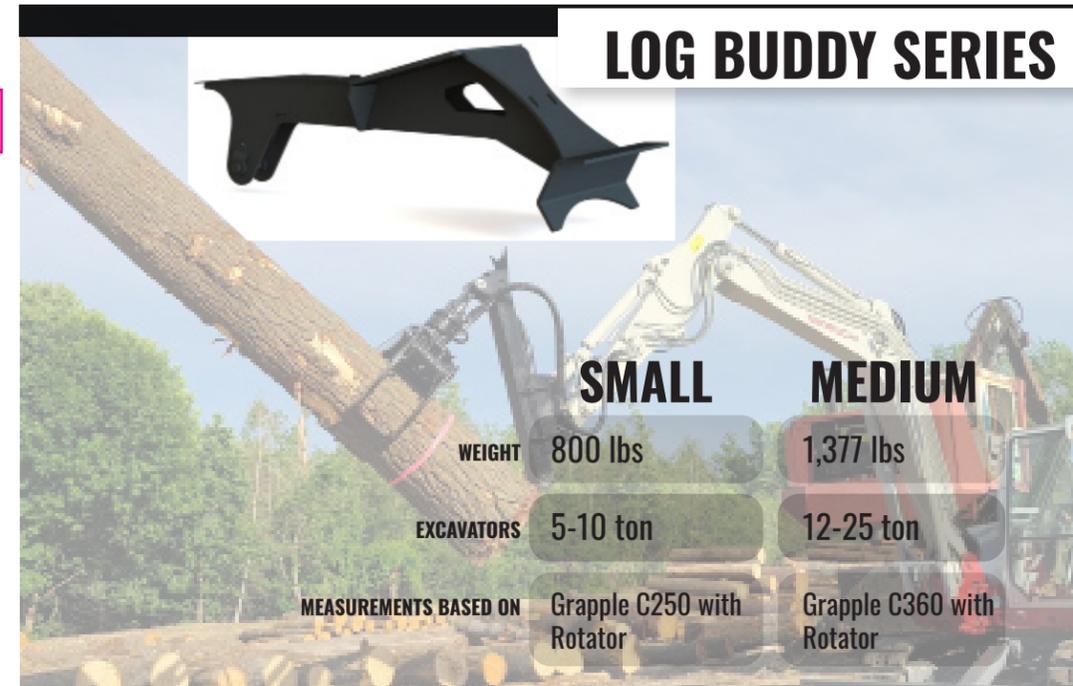
SM 30

SM 48

SM 60

WEIGHT	1,350 lbs	2,400 lbs	3,600 lbs
OPENING DIAMETER	30 in	48 in	60 in
CYLINDER BORE	4 in bore	5 in bore	6 in bore
EXCAVATORS	5-10 ton	12-25 ton	25-35 ton

LOG BUDDY SERIES



SMALL

MEDIUM

WEIGHT	800 lbs	1,377 lbs
EXCAVATORS	5-10 ton	12-25 ton
MEASUREMENTS BASED ON	Grapple C250 with Rotator	Grapple C360 with Rotator