

EXCAVATOR HEADS



HEAVY DUTY. FAST.
RELIABLE.
HUNGRY.



DEVOURING *THE* COMPETITION.

At Diamond Mowers, no job is too big and no work is unimportant. We build the toughest, most reliable and safest heavy-duty equipment in the business. Our Excavator Forestry and Rotary Heads are the best. It's that simple. Demand Better. **DEMAND DIAMOND.**



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PROUD TO BE MADE IN THE USA

At Diamond Mowers, our job is to help you do your job better. We take great satisfaction in where we build our equipment and how we do it. American values and a Midwestern work ethic are in our company DNA. Every Diamond product comes standard with our guarantee of excellence, and decades of integrity and pride built right in.

THE DIAMOND MOWERS GUARANTEE

At Diamond Mowers, we don't just say we take pride in our work. We show it. Every Diamond product comes with a 100% Satisfaction Guarantee and a 72-hour Parts Shipping Guarantee.

ROTARY MOWER HEADS



NO TIME TO WASTE.

Not every job allows you the luxury of time, but you still need every job done right. That’s why you use a Diamond Rotary Mower.

TOUGH. VERSATILE. GUARANTEED.

The Diamond Rotary Mower head is the most rugged rotary brush cutter on the market. Its mower shell is built with 100,000 psi steel housing—nearly three times stronger than standard A36 steel—and comes with a 1-year warranty on all parts and labor.

TOUGH COMES IN ALL SIZES

Head Size	Material	Total Weight	Operating Requirements
40" (Mini)	Slices trees/brush up to 2"	550 lb.	16 - 39 GPM / 2,500 - 3,500 PSI
50"	Cuts trees/brush up to 8"	1,300 lb.	24 - 46 GPM / 3,000 PSI
60"	Cuts trees/brush up to 8"	1,450 lb.	20 - 46 GPM / 3,000 PSI
72"	Cuts trees/brush up to 8"	2,400 lb.	16 - 41 GPM / 3,000 PSI

EXCAVATOR ROTARY MOWER HEADS

DON'T CALL IT "THE MINI" TO ITS FACE

The 40" "Mini" Excavator Rotary Mower

Ferocious things come in small packages. The heavy duty, hydraulically driven "Mini" slices trees or brush up to 2 inches thick. And it's smart, too. Its spring loaded, retractable shield deflects debris even as it protects the operator from the knife blades. Not bad for a "little" guy.



THE TRI-HEX ADVANTAGE

The Diamond Tri-Hex Mulching Disc & Reinforcing Ring



The Diamond proprietary Tri-Hex mulching disc on our rotary heads provides greater inertia in tough conditions, and prevents material build-up between the deck and blade carrier. The disc is constructed of 1" thick 50,000 psi rated steel with hardened, replaceable inserts, giving you unparalleled durability and easy blade maintenance.

Blades attach to the Tri-Hex with castle nuts, roll pins, and hex bolts that have 3,000% more load bearing surface than traditional key style bolts. The bolt insert is made of harder steel than the disc. When wear occurs the insert can be easily replaced instead of the whole disc.

Diamond's exclusive Reinforcing Ring transfers the load from the center well to the deck structure, reducing stress on the weld joints and making the larger rotary heads even more durable.

All of this is just a fancy way of saying Diamond Tri-Hex discs are just about the toughest things on Earth.

And all Tri-Hex mulching discs are covered by an unprecedented 5-year warranty. Not that you'll need it.

EXCAVATOR ROTARY MOWER HEADS



BIG(50"). ***BIGGER***(60"). ***BIGGEST***(72").

Excavator Rotary Mowers

When it comes to toughness, no one touches Diamond's 50", 60", and 72" heavy duty Rotary Mower heads. Every hydraulically driven head comes equipped with a custom mounting mast to fit your excavator. Each size will cut trees or brush up to 8" thick, and features a deck shell open on the left and right for enhanced production. No matter the size of the job, Diamond gets it done.

EXCAVATOR FORESTRY HEADS



AN APPETITE FOR DESTRUCTION

No matter how big the job, Diamond will make it look like an appetizer. The Excavator Forestry Head is loaded with made-in-the-USA innovations, cutting as clean and quick as a chainsaw, and with the ability to mulch material finely enough for decomposition. More productive than a traditional drum style forestry head, Diamond's Excavator Forestry Head has hardened steel and replaceable teeth to not just cut trees, but to grind stumps to the ground, and then keep going.

For jobs that call for more than just a mower, this excavator-mounted Forestry Head doesn't just clear trees, it devours them.

LOW MAINTENANCE

The head's direct-drive spindle is equipped with roller, spherical bearings on top and bottom—the same bearings used in the rock crushing industry—built to handle massive amounts of vibration, shock, and impact without incurring any damage. This spindle only needs to be serviced by greasing every 500 hours.

SEE THE EXCAVATOR FORESTRY HEAD IN ACTION AT DIAMONDMOWERS.COM

TOUGH COMES IN ALL SIZES

Head Size	Material	Total Weight	Operating Requirements
36"	Cuts 6" / Mulches 4"	925 lb.	24 - 32 GPM / 3,000 - 3,500 PSI
48"	Cuts 10" / Mulches 10"	2,150 lb.	40 - 80 GPM / 3,000 - 3,500 PSI
60"	Cuts 12" / Mulches 12"	2,800 lb.	50 - 80 GPM / 3,000 - 3,500 PSI

Note: For optimal performance, excavators must run 3,000-3,500 psi at operating flow. Recommend head to run with priority valve.

EXCAVATOR FORESTRY HEADS



SAFE FOR YOU. DEADLY FOR TREES.

Like all Diamond equipment, heavy-duty safety is built right into the Excavator Forestry Head. The head includes an open front that exposes the blade to feed material quickly, while steel deflectors with full casing direct material downward after it's mulched. With Diamond, you'll never sacrifice for performance.

Demand Safety. Demand Diamond.



CUTTING POWER

Diamond's unique design includes teeth on the perimeter of the blade, as well as cutting teeth and knives on the bottom of the disc to allow the head to come straight down on top of trees.

Replaceable, hardened steel teeth cut cleanly and efficiently. With the ability to cut on all four sides, the teeth can be rotated for longer life.

Patented center-mounted teeth eliminate a dead spot that other equipment encounters, making Diamond's Forestry Heads faster and more effective. Two knives located in the center create additional mulching capacity; allowing the head to cut, grind and mulch with the entire blade.

THE EXCAVATOR FORESTRY HEAD IS DESIGNED EXCLUSIVELY FOR BRUSH CUTTING APPLICATIONS:

- Cuts up to 12" material
- Very fast production - Up to 10x faster than a rotary head
- Cuts with both the perimeter and bottom surface
- Ability to mulch material
- Highly efficient, hardened steel, replaceable teeth

BEAT THE DRUM

When you compare the two, Diamond's Forestry Head will beat a drum style head every time.

EXCAVATOR FORESTRY HEADS

	Drum Style Head	Diamond Forestry Head
Horsepower	Limited to hydraulic horsepower of the machine	Disc design creates more power using inertia built up in the dish – Quickly gather and process trees
Energy Storage	Only has as much power available as the excavator can produce	Acts like a flywheel, storing more energy and allowing more power available for cutting
Material Size	Produces sawdust chips that clog filters and coolers	Produces material approximately 2" in diameter – quick decomposition. No clogging.
Teeth	Typically use carbide teeth that act like a sledgehammer, using more energy to cut the same amount of wood	Uses hardened steel teeth – cut through material much more efficiently, like an ax
Chew vs. Cut	Chews through the tree, taking much longer	Acts as a giant saw, slicing through standing trees with ease
Ground Level	Stops at ground level, leaving a stump	Disc style allows you to cut below ground level. Try that with a drum.
Pulleys vs. Spindle	Uses pulleys and belts with multiple failure points	Our drive spindle is simple and direct – with millions of hours of accumulated time on this spindle
Exhaust Control	Direct exhausted material straight down, leaving a pile that is difficult to deal with later	Spreads material out to a wide area

Have trees too large to mulch? Diamond's Excavator Forestry Head thumb grabber tool can be used to move or pile cut trees. It's like having a feller-buncher built right into the head.



DEMAND BRILLIANCE.

For more details, go to DiamondMowers.com.

72-HOUR PARTS
SHIPPING GUARANTEE

DIAMOND MOWERS

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100% SATISFACTION
GUARANTEE

★ GET IT, LOVE IT or LEAVE IT! ★

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