

TurboSaw

Tree Saws • Brush Cutters • Grapple Rakes



Cut tough jobs down to size.

Tree cutting and land restoration is hard work. DFM has proven to have the right tools for the job. A three generation company, we at DFM continue to be the professionals choice with our diverse line of Turbo Saw products. These heavy duty attachments are designed with the land owner in mind providing the highest degree of performance, safety, and operator comfort.

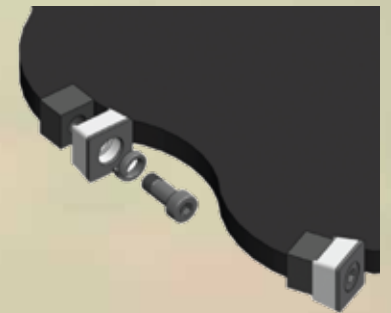
Turbo Saws can cut down any species of tree or brush, work on uneven terrain, and even cut below ground level. Turbo Saws can remove unwanted material, clean under fence rows, and cut up to a 22" diameter stump.

Whether removing Mesquite from pasture land or cutting Cottonwoods along creek bottoms, Turbo Saw has the power and durability to get the job done.



TS3 Cutting System

All Turbo Saw tree cutters have the exclusive TS3 tooth design. The TS3 tooth has been developed out of mining grade carbide to allow for ground contact. The tooth has a low profile bite. This small bite controls the size of the chip and limits the amount of flying debris. The TS3 tooth has an aggressive cutting angle to operate even in dense hardwoods and has 4 usable edges with up to 500 hours of service life. The TS3 tooth is attached to the blade with a counter sunk bolt and lock washer, and can be replaced with hand tools.



The TS3 system is mounted to precision, 1/2" thick laser cut disc. This ensures the same powerful performance every time.



Operator Ease & Safety

Turbo Saw Tractor models have excellent visibility. The 6' reach allows operators the ability to cut bushy material, and the angle of the deck guarantees optimal visibility during the cutting process.

Safety is foremost for all Turbo Saw models. During cutting, the pushing guard leverages the combined weight of the tractor and attachment to directionalize the cut tree. The deck shielding guarantees 300 degrees of protection.



Tractor Models: LT3200 & TR3200

The Turbo Saw tractor unit is an ideal maintenance tool for land owners to remove invasive trees. The PTO powered cutting disc will cut as fast as an operator can back up. There are two tractor models: The TR3200 with Grapple, and the LT3200 with Push Bar.

Using a high speed circular disc with durable carbide cutting teeth, the Turbo Saw Tractor Models can operate on tractors with 28-120 hp. On a 540 rpm PTO the disc turns at 1,080 rpm cutting 3 to 6" per second. The mining grade carbide teeth can contact the ground to ensure a smooth ground level stump.

Tractor Saws

Pushing Bar
The Pushing Bar allows the operator to direct the fall of tree away from the tractor.

PTO Included
The PTO shaft is included with every Tractor Saw. Usually, the blade will cut as fast as an operator can back up.

Category I & II, 3-Point Hitch
Each Tractor Saw comes with category I pins with category 2 adapter bushings to mount to most tractors with ease.

Slip Clutch
In case the attachment is crowded out, two slip clutches protect the drive-line.

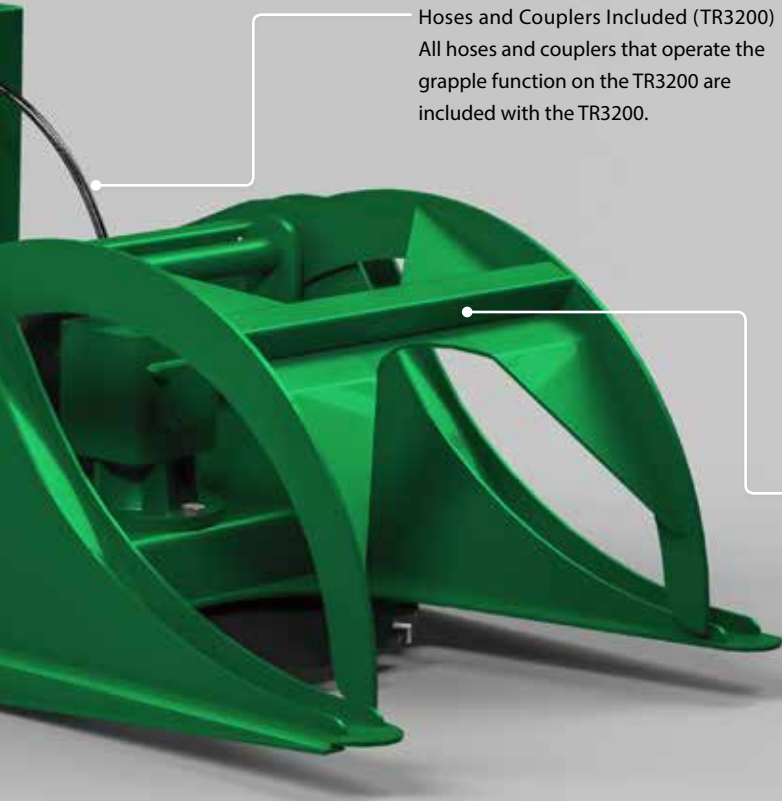
Heavy Duty Gearbox
The Turbo Saw™ has a heavy duty gearbox. The gearbox has a 1 year, unlimited hour warranty.

Blade Shield
The Blade Shield offers 300° of protection from debris. The blade shield doubles as skids so the operator can float the saw along the ground while making the cut.

TS3 Cutting Tooth System
The TS3's impact resistant carbide allows for ground contact and it can be rotated 3 times for up to 500 hours of life. Its durability lies in the unique bolt-on tooth design and a low profile bite.



Tractor Saws



Hoses and Couplers Included (TR3200)
All hoses and couplers that operate the grapple function on the TR3200 are included with the TR3200.

Hydraulic Grapple Clamp (TR3200)
The TR3200 features a hydraulic grapple clamp that acts as a pushing bar when raised and can carry cut trees when lowered.

Models:	LT3200	TR3200
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CAPACITY:

Cutting Capacity	22" (56 cm)	22" (56 cm)
Cutting Depth:	10" (25 cm)	10" (25 cm)
Height of Cut:	¼" (6.4 mm) Below Ground	
Cutting Rate:	3-6 inches (7.5 - 15 cm) per second	

TRACTOR COMPATIBILITY:

PTO HP Range	28 - 70 hp	28 -120 hp
PTO Max RPM	540 rpm	540 rpm
Hitch Category	Category I & II	Category I & II

DIMENSIONS:

Length	68"	68"
Width	38"	38"
Height	45"	45"
Weight	650lb (295 kg)	810lb (367 kg)

CUTTING DISC:

Width	32"	32"
Thickness	½"	½"
Carbide Teeth	10	10
Cutting Disc RPM	1,080 rpm	1,080 rpm

SHIELDING:

300° Shielding

PRICE:

*MSRP:	\$4,600.00	\$5,600.00
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*Dougherty Forestry Mfg. reserves the right to changes prices and specifications without notice.



HD Series Tractor Grapple

The HD Series grapples have a huge 47" opening capable of grabbing and lifting large amounts of just about anything you can think of. The HD Series is constructed of heavy-duty steel, and feature tine gussets built into the rake itself making bending a tine nearly impossible. They are then precision welded with massive welds placed on all stress points. After that the pivot tines are bolted to the rake with large 1-1/4" pins. Finally, heavy duty welded cylinders are attached with 1" pins, producing unmatched strength at all pivot points. The result is the last grapple rake you'll ever need.



Tractor Grapple

Greasable Pivots
All pivot points are greasable for maximum life and feature hard steel bolts as pivot pins.

Heavy Duty Tines
The grapple rake consists of heavy-duty, ½" thick tines. The tines are welded all the way to the tips which improves durability.

Ground Friendly
When used in pasture maintenance for stacking cut trees the Turbo Grapple is designed to float across the ground and will not destroy grasses like a dirt bucket.

Hydraulic Hoses & Couplers
Each grapples includes covers hydraulic hoses and couplers.



Tractor Grapple



Covered Cylinders and Hoses
The hoses and cylinders on the HD Series Grapples are protected by steel shields.

Euro / Global Mount
Mounts to tractors with a euro/global mount. The grapple is designed with generous rollback to roll loads into the bucket and reduce stress on the clamps.

Models:	HD72	HD84
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CAPACITY:

Width	72"	84"
Height	45"	45"

TRACTOR COMPATIBILITY:

HP Range	40 hp +	40 hp +
Hydraulic Flow Requirements	5 gpm +	5 gpm +
Front Mount	Euro / Global / Universal Mount	

DIMENSIONS:

Width	72"	84"
Length	35"	35"
Height	45"	45"
Weight	750lb	970lb

FABRICATION:

Number of Tines	9	11
Tine Thickness	1/2" Blend	1/2"

COMPONENTS:

Grapple Cylinders	2" x 8" Welded	
Pivot Pins	1 1/4" Greasable	

SHIELDING:

Cylinders and Hoses fully covered by steel plate

PRICING:

*MSRP	\$2,650.00	\$2,950.00
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Tractor Saw: LT3200

Designed for Tractors
PTO Horsepower: 28 - 70 hp (540 rpm)
Cutting Speed: 3 - 6" per second
Lift Category: 1 & 2
Blade Diameter: 32"
Length: 61" Height: 59"
Weight: 625 lbs



LT3200: \$4,500⁰⁰

Tractor Saw: TR3200

Designed for Tractors
PTO Horsepower: 28 - 120 hp (540 rpm)
Cutting Speed: 3 - 6" per second
Lift Category: 1 & 2
Blade Diameter: 32"
Length: 61" Height: 59"
Weight: 810 lbs



TR3200: \$5,600⁰⁰

Grapple Rakes: 72"

72" Grapple Rake
Designed for Tractors (5+ gpm.)
Pivot Pins: 1-1/4" Greasable Pins
Grapple Cylinders: 2" x 8" welded
Weight: 750 lbs



HD72: \$2,650⁰⁰

Grapple Rake: 84"

84" Grapple Rake
Designed for Tractors (5+ gpm.)
Pivot Pins: 1-1/4" Greasable Pins
Grapple Cylinders: 2" x 8" welded
Weight: 970 lbs



HD84: \$2,950⁰⁰



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