

WOODS FLAIL SHREDDER

30-FOOT CENTER DRIVE FLAIL SHREDDER



PERFORMANCE GUIDE

The Woods 30' Center Drive Shredders are designed to shred corn, cotton, and milo stalks.



Welded to American Welding Society® standards.

Woods, the leader in center drive flail shredders, introduces a new 30-foot model. With more than 40 years in the shredding industry, Woods has done it again by continuing the industry leading features in the S30CD.

standard features



- 1 Shredder Body Super Structure** – the body is supported by three massive, tubular beams (2 – 4" x 6" and 1 – 4" x 4") that increase its strength. Vibration is reduced, extending the life of the shredder.
- 2 Quality Gearbox** – the gearbox is designed to provide many years of worry-free service. The oil volume has been increased reducing heat buildup and extending bearing and gear life. The gearbox has a 5-year limited warranty. Specially designed oil seal protectors prevent vines from wrapping and damaging the gearbox oil seals.
- 3 Largest Diameter Flail Tubes in the Industry** – the 12.75" diameter flail tubes increase flail tube rigidity, which reduces vibration during operation and increases the life of the shredder.
- 4 Spiral Mounted Flail Tubes** – the spiral mounted flail knife design reduces pulsing as compared to non-spiral knife mounted designs. This results in a smoother, more efficient operation for a reduction in mechanical stress and wear on the shredder and tractor driveline systems.
- 5 Flail Tube End Shafts and Bearings** – are 2-3/16" in diameter, improving load capability and increasing bearing life.
- 6 Safety Lighting Kit** – highly visible safety lights on end of shredder.
- 7 Tri-lateral Hood Allows Quadruple Shredding Action** – the first cut occurs at the cutting level, the second at the front panel, the third at the top of the shredder, and the fourth cut occurs at the back of the shredder.
- 8 Standard End Tow Transport Hitch**

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WOODS S30CD CENTER DRIVE FLAIL SHREDDER

SPECIFICATIONS

Model	S30CD
Performance	
Cutting Height Range	2" to 14"
Rotor Speed (revs/min)	1350
Blade Tip Speed (fpm)	11,800 (133 mph)
Gearbox	
Gearbox hp Rating	300 hp
Warranty	5 year limited
Driveline Ratings	
2-point and 3-point	Cat. 6
Compatibility	
Min. Tractor Horsepower	180 (Requires 1-3/4" PTO shaft)
Tractor PTO	1,000 rpm
Construction	
Hood Type	Smooth Tri-Lateral Shape
Hood Thickness	.18" (Additional .18" wear panel available)
End Plate Thickness	.25"
Flail Tube Diameter	12.75"
Rotor Shaft Size	2.188" (2-3/16")
Flail Tube End Bearing	2.188" (2-3/16")
Shielding	Rubber Belting or Flaps
Wheel Size	9.5L x 15
Cutting Width	360"
Overall Width	380"
Approximate Weight of Complete Unit (lbs)**	7,300
Number of L Knives	352
Number of Cup Knives	176
Horsepower Required	
	180
Transport Width	
	138"

Knife Information	
Knife Retention	Bolt-on (no D-rings)
Knife Pattern	Spiral

Options	
Knife Types	Double-edged L (6mm)
	Double-edged HD-Cotton Duraface (8 mm)
	L Cup
Wheel Arm Types	4 Casters, 2 front/2 rear

Clutch Options	
Disc	
Automatic*	30,000 inch Lb. capacity

Hitches	2-point, 3-point, (quick-hitch compatible)
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*All metal parts (no heat, no wear)
 **3-point hitch, 1-3/4" PTO, 4 struts, 4 wheel and tire assemblies
 Check lift capacity of tractor

WARNING! These agricultural shredders must not be used for industrial mowing of grass and other growth in public use areas such as parks, cemeteries, and along roadways and highways.

additional features



- 9 Standard End Tow** – for easy transport.
- 10 Standard Automatic Clutch** – a 30,000 in. lb. capacity, overrunning clutch protects the shredder drive. This clutch is made completely of metal parts (no heat, no wear) and disengages when torque limit is reached. To re-engage, tractor PTO speed is reduced to match the speed of the gearbox input shaft.
- 11 Standard Caster Wheels** – 2 front/2 rear, used with 2- and 3- point hitch shredders. Standard hydraulic height control.
- 12 Standard L Knife (left knives)** – heat-treated, 6 mm reversible for long life. **HD-Cotton L Knife (right knives)** – heat-treated, Duraface 8 mm reversible for longer life. Ideal for severe conditions.
- 13 Three-point Floating Hitch (Category 2 and 3)** – reduces hitch stress when working on uneven ground.
- 14 Two-point Hitch** – attaches to the lower two hitch points of the tractor's three-point hitch. Standard caster wheels are required with the two-point hitch.
- 15 Cupped Knife** – create vacuum action to lift foliage off the ground and up into the shredder; can be used in combination with L knives.

Wear Plate Liner (partial) – doubles the hood thickness to a total of .36 inches of steel in the high wear area. It can be factory or field installed (not shown).



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WARNING! Some images may show safety equipment removed to provide a better view. Equipment should never be operated without required safety equipment. Always operate machines in accordance with supplied operator's manuals. Some machines in this brochure may be shown with optional equipment. Specifications subject to change without notice. Woods®, the Woods logo, Batwing®, Mow'n Machine™ and WoodsCare™ are trademarks of Woods Equipment Company. ©2011 Woods Equipment Company. All rights reserved. B071101

