

WOODS FLAIL SHREDDERS



40 years of innovation ensure top performance in shredding corn, cotton, milo and specialty crops

WOODS

Center Drive Flail Shredders



Tractor ranges: 90–300 hp

Six models in six widths: 15'/6 row; 20'/8 row; 22'/8 row; 25'/10 row; 27'/10 row and 30'/12 row (30" rows)

Woods Shredders are designed to shred corn, cotton, and milo stalks, as well as potato vines, sugarbeet tops and other specialty crops



Shredder Body Super Structure

The body is supported by three massive, tubular beams that increase strength and reduce vibration, extending the life of the machine.



Spiral Mounted Knives

The 12.75-inch diameter flail tubes with spiral mounted knives feature increased rigidity resulting in smoother operation.



Drive Line Protection

The shredder drive is protected with either a 24,000 lbs inch overrunning disc clutch (not available on S30CD) or a 30,000 lbs inch overrunning automatic clutch, which is made completely of metal and disengages when torque limit is reached. To re-engage, tractor PTO speed is reduced to match that of the gearbox input shaft.



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.



S27CD

Models

- S15CD** Tractor range: 90–300 hp
- S20CD** Tractor range: 120–300 hp
- S22CD** Tractor range: 132–300 hp
- S25CD** Tractor range: 150–300 hp
- S27CD** Tractor range: 162–300 hp
- S30CD** Tractor range: 240–300 hp

- Cutting widths ranging from 183- to 363-inches handle shredding from six to twelve 30-inch rows.
- High capacity gearbox with large oil volume reduces heat buildup, extending bearing and gear life.
- Specially designed oil seal protectors prevent vines from encasing and damaging the gearbox oil seals.

Optional Knives



Standard L Knife

Heat-treated, 6mm reversible for long life

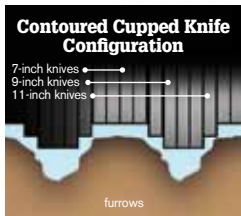
HD-Cotton L Knife

Heat-treated, Duraface®, 8mm reversible for longer life and durability in severe conditions



Cupped Knife

Create vacuum action to lift foliage off the ground and up into the shredder; can be used in combination with L knives



Contour Cupped Knives

Three different length cup knives; great for defoliating potato vines or other root crops grown on ridges



S30CD

End-tow Transport Hitch

The end-tow hitch makes transporting your Woods Flail Shredder quick and easy. In just minutes the shredder converts from a center drive connection to your tractor into an end-tow hitch that can be easily moved to the next job. The end-tow transport hitch is standard on the S30CD, optional on S15CD through S27CD.*

*The above image is not representative of end-tow option available for models S15CD through S27CD

| Specifications | S15CD | S20CD | S22CD | S25CD | S27CD | S30CD |
|--------------------------------------|------------------------------------------------------------------------------------|------------|------------|------------|------------|-----------------|
| Tractor Engine HP | 90–300 hp | 120–300 hp | 132–300 hp | 150–300 hp | 162–300 hp | 240–300 hp |
| Tractor PTO | 1,000 rpm | | | | | |
| Cutting Height | 2"–14" | | | | | |
| Cutting Width | 183" | 247" | 271" | 303" | 327" | 363" |
| Overall Width | 190" | 254" | 278" | 310" | 334" | 380" |
| Approximate Weight | 4,248 lbs | 5,038 lbs | 5,308 lbs | 5,838 lbs | 6,138 lbs | 6,958 lbs |
| Number of L Knives | 168 | 232 | 256 | 288 | 312 | 352 |
| Number of C Knives | 84 | 116 | 128 | 144 | 156 | 176 |
| Lift HP Required | 90 | 120 | 135 | 150 | 165 | 190 |
| Pull HP Required | 90 | 120 | 135 | 150 | 165 | N/A |
| Rotor Speed | 1,350 rpm | | | | | |
| Blade Tip Speed | 11,700 (133 mph) | | | | | |
| Gearbox HP Rating | 300 hp | | | | | |
| Gearbox Warranty | 5 year limited | | | | | |
| Driveline 2 Point and 3 Point | Cat 6 | | | | | |
| Pull-Type | Cat 6 CV | | | | | |
| Hood Type | smooth, tri-lateral shape | | | | | |
| Hood Thickness | .18" (optional wear liner 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 | | | | | |
| Knife Retention | Bolt-on (no D-rings) | | | | | |
| Knife Pattern | Spiral | | | | | |
| Knife Types | Double-edged L (6mm), Double-edged HD-Cotton Duraface® (8mm) L; Cup or Contour Cup | | | | | |
| Wheel Arm Types | Rigid Strut or Caster | | | | | Caster |
| Optional Disc Clutch | 24,000 lbs inch rating | | | | | NA |
| Automatic Disc Clutch | 30,000 lbs inch rating (1-3/4" 20 PTO only) | | | | | Standard |
| Optional Hitches | 2-point, 3-point (quick-hitch compatible) pull | | | | | 3-point mounted |

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Warning! Some images may show safety shields removed to provide a better view. Equipment should never be operated with any safety shield removed. Some machines in this brochure may be shown with optional equipment. Always operate machines in accordance with supplied operator's manuals.
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