

**WOODS**<sup>®</sup>

# FLAIL SHREDDERS



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

**WOODS**<sup>®</sup>





## Center Drive Flail Shredders



Tractor ranges: 90—300 hp

Six models in six widths: 15'/6 row; 20'/8 row; 25'/10 row; 27'/10 row

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



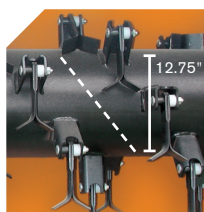
### Shredder Body Super Structure

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



### 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.



### Spiral Mounted Knives

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



### 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
- S25CD** Tractor range: 150–300 hp
- S27CD** Tractor range: 162–300 hp

- Cutting widths ranging from 183- to 323-inches handle shredding from six to ten 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



**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 optional on S15CD through S27CD.\*

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



| Specifications                | S15CD  | S20CD   | S25CD   | S27CD   |
|-------------------------------|--|---------|---------|---------|
| Tractor Engine (hp)           | 90–300   | 120–300 | 150–300 | 162–300 |
| Tractor PTO (rpm)             | 1,000  |         |         |         |
| Cutting Height (in)           | 2–14   |         |         |         |
| Cutting Width (in)            | 183  | 247     | 303     | 327     |
| Overall Width (in)            | 190  | 254     | 310     | 334     |
| Approximate Weight (lbs)      | 4,248  | 5,038   | 5,838   | 6,138   |
| Number of L Knives            | 168  | 232     | 288     | 312     |
| Number of C Knives            | 84   | 116     | 144     | 156     |
| Lift HP Required              | 90   | 120     | 150     | 165     |
| Pull HP Required              | 90   | 120     | 150     | 165     |
| Rotor Speed (rpm)             | 1,350  |         |         |         |
| Blade Tip Speed               | 11,700 (133 mph)   |         |         |         |
| Gearbox HP Rating (hp)        | 300  |         |         |         |
| Gearbox Warranty (yr)         | 6 limited  |         |         |         |
| Driveline 2 Point and 3 Point | CAT 6  |         |         |         |
| Pull-Type                     | CAT 6 CV   |         |         |         |
| Hood Type                     | Smooth, tri-lateral shape  |         |         |         |
| Hood Thickness (in)           | .18 (optional wear liner available)  |         |         |         |
| End Plate Thickness (in)      | .25  |         |         |         |
| Flail Tube Diameter (in)      | 12.75  |         |         |         |
| Rotor Shaft Size (in)         | 2.188 (2-3/16)   |         |         |         |
| Flail Tube End Bearing (in)   | 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                                   |         |         |         |
| Wheel Arm Types               | Rigid strut available on S15CD, S20CD, S25CD, and S27CD.<br>Caster available on S25CD and S27CD. |         |         |         |
| Optional Disc Clutch          | 24,000 lbs inch rating   |         |         |         |
| Automatic Disc Clutch         | 30,000 lbs inch rating (1-3/4" 20 PTO only)  |         |         |         |
| Optional Hitches              | 3-point (quick-hitch compatible) pull  |         |         |         |



### Got ideas?

Join our Power Team customer panel at [woodsequipment.com/contact/power-team](http://woodsequipment.com/contact/power-team), or scan the QR code to the right.

**You have the power...**



**WOODS®** | Woods Equipment Company

2606 South Illinois Route 2, Oregon, Illinois 61061 tel 800-319-6637 [woodsequipment.com](http://woodsequipment.com)

**WOODS®**  
**GET AFTER IT**

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. ©2022 Woods Equipment Company. All rights reserved. WOODS and Woods logo are trademarks of Woods Equipment Company. All other trademarks, trade names, or service marks not owned by Woods Equipment Company that appear in this brochure are the property of their respective companies or mark holders. Specifications subject to change without notice.

**B07061** Revised June 2022

