



FLAIL SHREDDER



- 12' & 15' Sizes Available
- 540 & 1,000 RPM Models
- Side Slice Knives, Cup Knives or Combination Knives Available
- Over Running Clutch on Drive Line
- Dynamically Balanced Rotors



FLAIL SHREDDER

Brillion Flail Shredders are available in 12 foot and 15 foot models. Offered in both 540 and 1000 RPM PTO drives, these machines can be used on a wide variety of tractor sizes and models.

The heavy-duty ¼" thick flail shroud and integral frame provide the backbone of the Flail Shredder. Couple that with a high capacity, twin triple belt drive line and a rugged transport axle with wheel tread adjustable tire assemblies, the result is a machine that will provide many years of reliable service. Other features like the flexible rubber debris shields, high capacity gear box, and an integral over running drive line clutch, add to the utility of the Brillion Flail Shredder. All models include a 3" x 8" hydraulic cylinder with hoses. The short-coupled adjustable drawbar comes with a safety chain and hitch jack. Safety warning lights and an SMV sign round out the list of standard equipment. The 1000 RPM models have a constant velocity PTO shaft and all 15 foot models have four transport wheel assemblies as standard equipment.

Flail Shredders have primarily been used for chopping corn residue after harvest to help enhance tillage operations and speed up decomposition of trash. Like many other machines in the farm equipment industry, the Flail Shredder has been transformed into a multi-operational unit. It is also being used for mowing waterways, clipping pastures, and in some cases, unique topping operations in some specialty crops. Different knife styles are available; side slice, cup knives or a combination of both will provide different results in different crops.



End Drive Shields are ventilated to keep the belt drive running cool.



Belt Tightening Device

SPECIFICATIONS

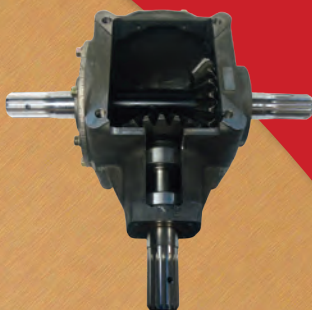
| | FS1446 | FS1446-1 | FSC1446 | FSC1446-1 | FSB1446 | FSB1446-1 |
|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Approximate Weight | 2,511 lbs. (1,130 kg) | 2,511 lbs. (1,130 kg) | 2,511 lbs. (1,130 kg) | 2,511 lbs. (1,130 kg) | 2,511 lbs. (1,130 kg) | 2,511 lbs. (1,130 kg) |
| Working Width | 12 ft. 0 in. (3.6 m) | 12 ft. 0 in. (3.6 m) | 12 ft. 0 in. (3.6 m) | 12 ft. 0 in. (3.6 m) | 12 ft. 0 in. (3.6 m) | 12 ft. 0 in. (3.6 m) |
| Transport Width | 13 ft. 1 in. (3.93 m) | 13 ft. 1 in. (3.93 m) | 13 ft. 1 in. (3.93 m) | 13 ft. 1 in. (3.93 m) | 13 ft. 1 in. (3.93 m) | 13 ft. 1 in. (3.93 m) |
| Transport Height | Dependent on Tractor Hitch Position | Dependent on Tractor Hitch Position | Dependent on Tractor Hitch Position | Dependent on Tractor Hitch Position | Dependent on Tractor Hitch Position | Dependent on Tractor Hitch Position |
| Overall Length | 9 ft. 8 in. (2.9 m) | 9 ft. 8 in. (2.9 m) | 9 ft. 8 in. (2.9 m) | 9 ft. 8 in. (2.9 m) | 9 ft. 8 in. (2.9 m) | 9 ft. 8 in. (2.9 m) |
| Drive Line | 540 RPM | 1,000 RPM | 540 RPM | 1,000 RPM | 540 RPM | 1,000 RPM |
| Gear Box | 180 HP (138.24 kW) | 180 HP (138.24 kW) | 180 HP (138.24 kW) | 180 HP (138.24 kW) | 180 HP (138.24 kW) | 180 HP (138.24 kW) |
| Over Running Clutch | Standard | Standard | Standard | Standard | Standard | Standard |
| Constant Velocity PTO Shaft | NA | Standard | NA | Standard | NA | Standard |
| Rotor RPM | 1,630 RPM | 1,630 RPM | 1,630 RPM | 1,630 RPM | 1,630 RPM | 1,630 RPM |
| Rotor SFM (Surface Feet per Minute) | 10,300 SFM (3,139 SMM) | 10,300 SFM (3,139 SMM) | 10,300 SFM (3,139 SMM) | 10,300 SFM (3,139 SMM) | 10,300 SFM (3,139 SMM) | 10,300 SFM (3,139 SMM) |
| Knife Type | Side Slice | Side Slice | Cup Type | Cup Type | Combination | Combination |
| Hitch | Pull-Type With Hydraulic Lift | Pull-Type With Hydraulic Lift | Pull-Type With Hydraulic Lift | Pull-Type With Hydraulic Lift | Pull-Type With Hydraulic Lift | Pull-Type With Hydraulic Lift |
| Tire Size | (2) 9.5L x 15-6 Ply Implement Rib | (2) 9.5L x 15-6 Ply Implement Rib | (2) 9.5L x 15-6 Ply Implement Rib | (2) 9.5L x 15-6 Ply Implement Rib | (2) 9.5L x 15-6 Ply Implement Rib | (2) 9.5L x 15-6 Ply Implement Rib |
| Hydraulic Equipment | Cylinder with Hoses to Hitch Point | Cylinder with Hoses to Hitch Point | Cylinder with Hoses to Hitch Point | Cylinder with Hoses to Hitch Point | Cylinder with Hoses to Hitch Point | Cylinder with Hoses to Hitch Point |
| Safety Chain Kit | Standard | Standard | Standard | Standard | Standard | Standard |
| Safety Warning Lights & SMV Emblem | Standard | Standard | Standard | Standard | Standard | Standard |
| Horsepower Requirements | 5 to 10 HP per ft. (3.84 to 7.68 kW) | 5 to 10 HP per ft. (3.84 to 7.68 kW) | 5 to 10 HP per ft. (3.84 to 7.68 kW) | 5 to 10 HP per ft. (3.84 to 7.68 kW) | 5 to 10 HP per ft. (3.84 to 7.68 kW) | 5 to 10 HP per ft. (3.84 to 7.68 kW) |
| Recommended Operating Speed | 3 to 6 MPH (5 to 10 km/h) | 3 to 6 MPH (5 to 10 km/h) | 3 to 6 MPH (5 to 10 km/h) | 3 to 6 MPH (5 to 10 km/h) | 3 to 6 MPH (5 to 10 km/h) | 3 to 6 MPH (5 to 10 km/h) |

Specifications subject to change without notice.

Flail Shredder

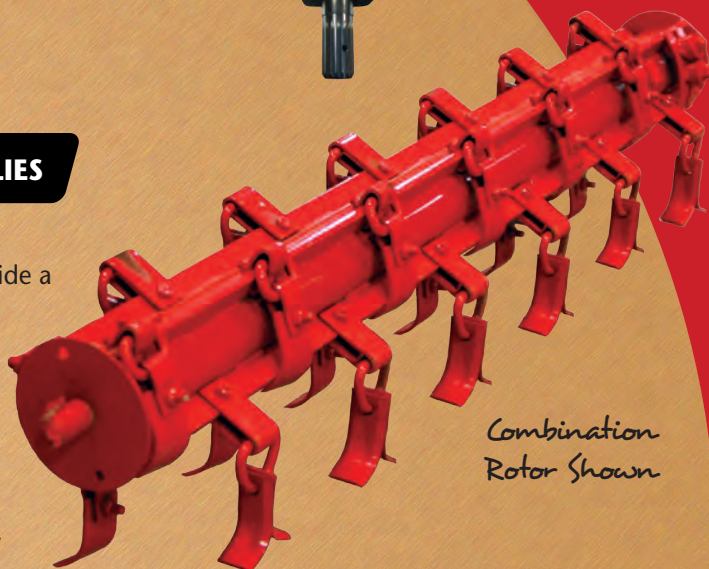
GEAR BOX

A 180 HP rated Gear Box is standard equipment on all Flail Shredders. 540 or 1000 RPM models are available. An Over Running Clutch on the PTO Drive Line protects the Gear Box during shut down.



ROTOR ASSEMBLIES

Dynamically balanced Rotor Assemblies provide a vibration free, smooth operation. Rotors can be equipped with all Cup Knives, all Side Slice Knives, or a combination of both to match a wide variety of applications.



Combination Rotor Shown

CUP KNIVES

Cup Knives create the most suction under the hood to draw the crop into the cutting zone.



SIDE SLICE KNIVES

Side Slice Knives are reversible for longer life. These knives have more cutting edge available to the crop for finer cutting.



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Brillion
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