

BrillionTM
Farm Equipment
A LANDOLL PRODUCT

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



BrillionTM
Farm Equipment

www.brillionfarmeq.com

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 replaceable shroud wear plates, 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. An optional center cut kit will enhance the overall function in non-row crops if desired.



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



Belt Tightening Device

SPECIFICATIONS

	FS1446	FS1446-1	FSC1446	FSC1446-1	FSB1446	FS
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	9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib
Auxiliary Wheel Kit	Optional*	Optional*	Optional*	Optional*	Optional*	Optional*
Center Cut Kit	Optional	Optional	Optional	Optional	Optional	Optional
Hydraulic Cylinder	Standard	Standard	Standard	Standard	Standard	Standard
Cylinder Hose Kit	Standard	Standard	Standard	Standard	Standard	Standard
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)

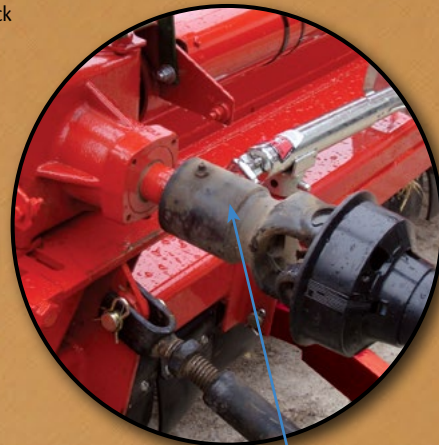
Specifications subject to change without notice.



Safety Warning Lights and SMV Emblem are standard equipment.



Leveling Ratchet Jack



Heavy-Duty PTO Drive (540 or 1000 PM Models Available) with Over Running Clutch

Machines are equipped with 9.5L x 15-6 Ply Tires. Two wheel kits are standard equipment on 12' models, while four wheel kits are standard on 15' models.

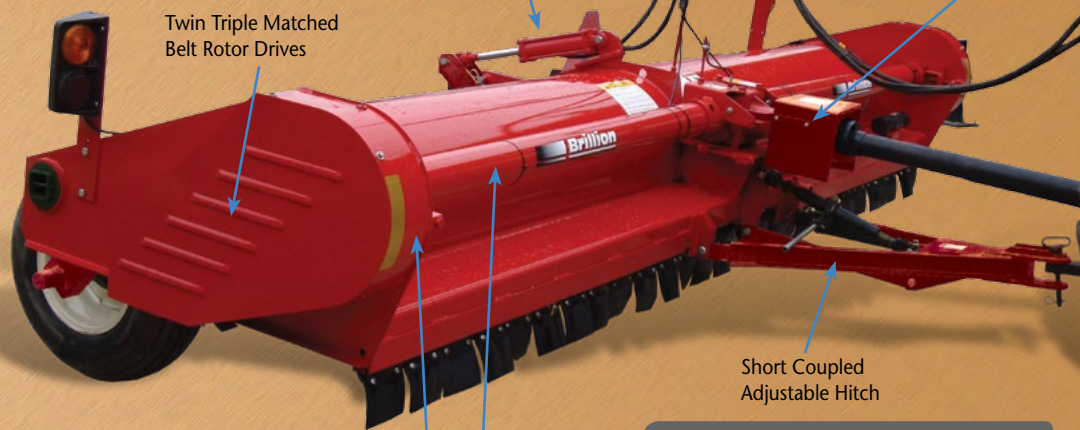
3" x 8" Hydraulic Cylinder and Hoses are standard equipment.



1/4" Thick Shroud

Rubber Shields contain debris under the hood.

Operator's Manual Storage Canister



Twin Triple Matched Belt Rotor Drives

Fully Enclosed Drive Lines and Belts

Short Coupled Adjustable Hitch

Model FSB1806-1 Shown with Standard Equipment

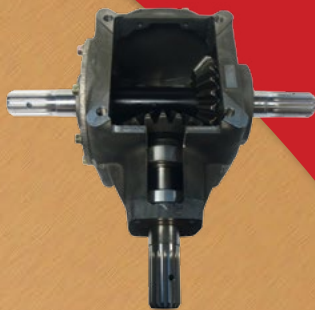
FSB1446-1	FS1806	FS1806-1	FSC1806	FSC1806-1	FSB1806	FSB1806-1
2,833 lbs. (1,275 kg)	2,833 lbs. (1,275 kg)	2,833 lbs. (1,275 kg)	2,833 lbs. (1,275 kg)	2,833 lbs. (1,275 kg)	2,833 lbs. (1,275 kg)	2,833 lbs. (1,275 kg)
15 ft. 0 in. (4.5 m)	15 ft. 0 in. (4.5 m)	15 ft. 0 in. (4.5 m)	15 ft. 0 in. (4.5 m)	15 ft. 0 in. (4.5 m)	15 ft. 0 in. (4.5 m)	15 ft. 0 in. (4.5 m)
16 ft. 1 in. (4.83 m)	16 ft. 1 in. (4.83 m)	16 ft. 1 in. (4.83 m)	16 ft. 1 in. (4.83 m)	16 ft. 1 in. (4.83 m)	16 ft. 1 in. (4.83 m)	16 ft. 1 in. (4.83 m)
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	Dependent on Tractor Hitch Position
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)	9 ft. 8 in. (2.9 m)
540 RPM	540 RPM	1,000 RPM	540 RPM	1,000 RPM	540 RPM	1,000 RPM
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)	180 HP (138.24 kW)
Standard	Standard	Standard	Standard	Standard	Standard	Standard
Standard	NA	Standard	NA	Standard	NA	Standard
1,630 RPM	1,630 RPM	1,630 RPM	1,630 RPM	1,630 RPM	1,630 RPM	1,630 RPM
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)	10,300 SFM (3,139 SMM)
Combination	Side Slice	Side Slice	Cup Type	Cup Type	Combination	Combination
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	Pull-Type With Hydraulic Lift
9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib	9.5L x 15-6 Ply Implement Rib
Optional*	Optional*	Optional*	Optional*	Optional*	Optional*	Optional*
Optional	Optional	Optional	Optional	Optional	Optional	Optional
Standard	Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard	Standard
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)	5 to 10 HP per ft. (3.84 to 7.68 kW)
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)	3 to 6 MPH (5 to 10 km/h)

* On 15' Models, 4 Wheel Kits are Standard Equipment; on 12' Models, 2 Wheel Kits are Standard Equipment.

Flail Shredder

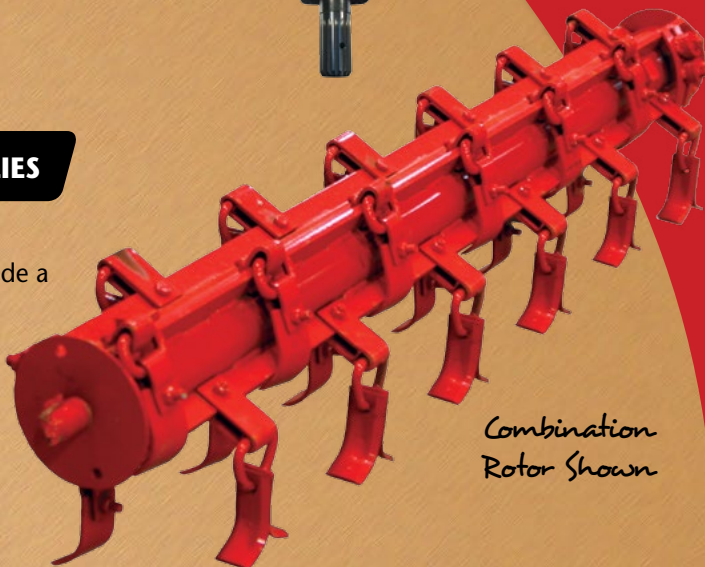
GEAR BOX

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.



CENTER CUT KNIVES

The optional Center Cut Kit adds an additional set of Side Slice Knives adjacent to the center plate to facilitate closer trimming in grass cutting operations.



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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220 N. Francis Street
P.O. Box 8
Brillion, WI 54110
Phone: 920.524.2220
Toll Free: 855.320.0373
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