



FLAIL MOWERS

For Excavators



The new **Bradco Flail Mowers**, by Paladin, have been engineered to handle your toughest vegetation management jobs. They are ideal for clearing vegetation on hillsides, roadways, ditches, utility right-of-ways, riverbanks, lakes and more.



- Cuts 4" trees and heavy brush. Can cut up to 6" trees as needed.
- Engineered for maximum performance and service life.
- Allows operator to mow in both directions and control direction of cut material.
- Available with multiple motors and mounts to fit 3-10 ton excavators.



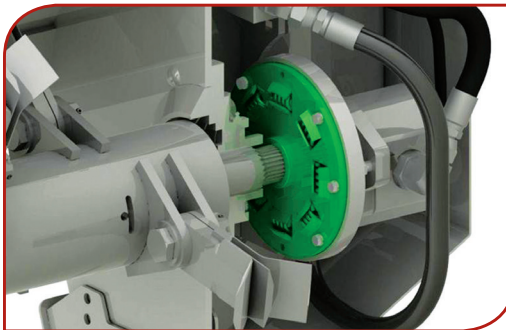
FLAIL MOWERS



FME30 Light Duty Flail Mower
3-6 ton excavator (4000 psi max)



FME40 Heavy Duty Flail Mower
6-10 ton excavator (5000 psi max)



Exclusive patent-pending torsion disc helps protect motor and drive assembly from damage by absorbing impact forces from the cutting blades.

Bi-directional flow manifold with cross-over relief allows the operator to direct debris away from bystanders, other machinery, and buildings.



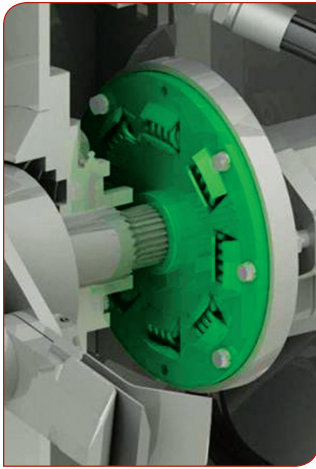
Operator can cut in both directions without interference.

Adjustable, dual skid shoes are standard.



Optional thumb saddle allows operator to move obstructions out of the way without damaging the housing.

ENGINEERED TO BE BETTER



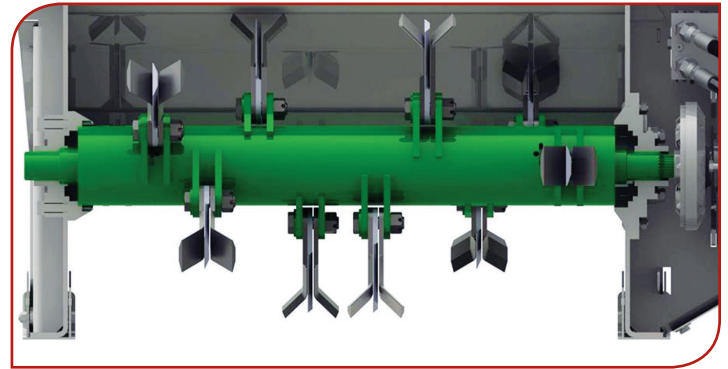
Improved Impact Absorption

The Bradco Flail Mowers torsion disc improves on conventional rubber disc isolation technology by using metal springs to absorb stress forces encountered during operation. Rubber discs can oxidize and eventually break leading to possible damage to the drive train. The metal springs in the torsion disc will outlast the rubber disc in other flail mowers.

Optimized Blade Pattern

Most flail mowers feature a spiral blade pattern that is not as efficient at minimizing the cyclical impact force generated when blades strike material. The patent-pending

staggered blade pattern on the Bradco Flail Mowers is designed to significantly reduce the transfer of cyclical impact forces to the drive train. This reduces wear and tear on the entire drive train maximizing the operational life of the mower. It also provides a smoother experience for the operator when mowing/cutting.



Drive Train Protection

Some flail mowers have only one flange, leaving the other end of the rotor assembly exposed to dirt and debris. Other flail mowers incorporate smaller flanges than ours that leave the rubber isolation discs exposed as well. The Bradco Flail Mower has a heavy duty flange on both ends of the rotor to protect the drive train from dust and debris. This also prevents wire from damaging the drive train mechanism.

Unobstructed Access to Cutting

The Bradco Flail Mowers are equipped with adjustable skid shoes that allow material to contact the blades without obstruction in both directions. Other flail mowers incorporate rollers which are good for following the terrain but obstruct access to the blades. Material can also get caught in the roller.



Increased Safety

The blades on the Bradco Flail Mower come to a complete stop in 4-5 seconds. Other flail mowers blades can take 20-30 seconds to stop completely following shutdown which could pose a safety issue for the operator and bystanders.

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WHY CHOOSE A BRADCO FLAIL MOWER?

- The Bradco Flail Mowers are higher quality, more durable, and better engineered than other available flail mowers.
- Our drive train and blade system are designed to out-perform and out-last the competition.
- The bi-directional cutting and discharge capability allows the operator to control the direction of cut materials away from buildings, roadways, and bystanders.
- The Bradco Flail Mowers can easily manage grass, vegetation, and hardwoods up to 4" in diameter. Diameters up to 6" can be managed as well on an occasional basis.
- The adjustable skid shoes do not interfere with or obstruct cutting capability in either direction.
- The 5 second blade stopping feature increases safety for operators and bystanders.
- Manifold can be mounted on either side for optimal hose routings.

Specifications	Standard	Thumb Ready	
Model	FME30	FME30	FME40
Excavator Size (metric ton)	3.0-6.0	3.0-6.0	6.0-10.0
Cutting Width	28.5"	28.5"	38.5"
Housing Width	32"	32"	42"
Operating Weight w/ mount	830 lbs	830 lbs	1,175 lbs
Hydraulic Flow	8-28 gpm	8-28 gpm	17-40 gpm
Pressure	4000 psi	4000 psi	5000 psi
Rotational Speed	1800-2200 rpm	1800-2200 rpm	1800-2200 rpm
Number of Blade Stands	8	8	10
Cutting Capacity	4"	4"	4"

Ships without hoses and couplers due to variations between machines with regards to hydraulic coupler placement.



When work needs to get done you need to be able to depend on your equipment. Our Flail Mowers are designed for maximum reliability, durability, and productivity.