

LOGIC MFP FLAIL MOWERS RANGE

Logic MFP Flail Mowers are designed for both professional and domestic users. Suitable for most grassed areas e.g. paddocks, orchards, tree nurseries, road side verges, field headlands, fire breaks, footpaths and lawns etc.

A choice of engine is available to match power requirement to working width and work load. All options are easy start, reliable and economical.

Height adjustment is simple and precise. All models feature an anti scalping roller to prevent turf destruction and allow cutting over kerb edges etc.

The wheels behind option reduces overall width to improve the cutting distance up to walls, fences and trees etc, the offsettable drawbar also improves this feature with increased manoeuvrability.

MFP Flail Mowers have been developed to be towed by ATV's or any other suitable vehicle.

STANDARD FEATURES

- Very strong construction.
- Specially hardened, fully sharpened rock flail knives.
- Double 'V' belt drive with automatic belt tensioning.
- Centrifugal clutch for easy starting.
- Full width anti-scalping roller.
- Offsettable drawbar for increased manoeuvrability.
- Simple height adjustment form 0 to 140mm (5").
(0 to 216mm (0 - 8") with floatation wheels)
- 50mm swivel hitch coupling.

WIDTH OF CUT OPTIONS

- 1 metre, 1.2 metres, 1.5 metres

WHEEL POSITION/SIZE OPTIONS

- Wheels alongside - for good height control (all models)
- Wheels behind - for minimum overall width (1mt. & 1.2mt models only).
- Standard wheel - 16 x 6.50 x 8
- Extra low ground pressure floatation wheel - 22 x 11 x 8

ENGINE OPTIONS

- 13hp Honda.
- 16hp Briggs and Stratton 'V' twin
- Electric Start available on some engine options

FLAIL KNIFE OPTIONS

- Standard - for general purpose use
- Scarifier - for thatch removal.



MFP Series - Flail Mower Range



MFP Rear Wheel Model



A: General Purpose Blade
B: Lawn Blade
C: Optional Scarifying Blade



Optional Scarifying Blade

- Lawn - for good quality level finish.

SPECIAL APPLICATIONS

Logic can supply design modifications to meet customers specific requirements e.g. Extra high lift, narrow transport width etc.

FLAIL v ROTARY

The decision to choose a Flail mower or a Rotary model needs careful thought. Both cut grass, but each has different qualities.

- Flail mowers will generally cut anything, up to small bushes! They require a lot of power to do this as they chop up the material several times.
- Flail mowers are generally used without a grass collection system, as they disperse the mulched grass over the full working width, which decomposes very quickly.
- Logic Flail mowers feature an “Anti-scalping Roller” which allows cutting over kerb edges or rough ground, without fear of damage to the turf or machine.
- Flail mowers fitted with “lawn” blades and used on finer turfs, will produce an excellent result, with the added benefit of disposed cuttings.
- Rotary mowers are better suited to maintaining shorter grasses and will cut a large area quicker than a flail mower.
- Rotary mowers are however very good for topping pastures where the taller grass is spasmodic and doesn't represent a decomposition problem.
- Rotary mowers will cut longer grass, but will leave a wind line of cut grass, which should be collected, or the sward beneath it will be suffocated.
- Rotary mowers are generally cheaper due to being simpler in construction.
- Rotary mowers are better suited for use on level ground as they have no anti-scalping roller.

COMPETITION

When deciding which flail mower to buy, it's wise to compare the merits of a Logic flail mower against other models available. We are confident you will realise the benefits of our products, which represent excellent value for money.

- **QUALITY OF CONSTRUCTION** on Logic flail mowers is second to none. All models feature design and construction methods that have stood the test of time for over 20 years.
- **EASE OF ADJUSTMENT** is important, to get the best out of the machine in any situation. Logic flail mowers feature as standard an ultra quick off-settable drawbar and a raise and lower jack that permits infinite settings. An optional remote throttle control allows the operator to control the engine speed at a moments notice, thereby safeguarding the machine in difficult situations and making the operation more efficient. Other flail models on the market do not offer the same degree of speedy control, and some even need tools to adjust the settings, which can take some time
- **FLAILS** on all Logic mowers are 4mm thick, which is a heavier duty spec than on most other models available. These are sharpened from the tip to the mounting point on both sides, making them reversible. This is important, to increase the life of the blade and to reduce the resistance when in motion, as the cutting action requires the blade to chop material several times, which takes more power. Logic flails are mounted on a “D” shackle which allows deflection over 360°, which is much safer than some other manufacturers mountings, which only have deflection forwards and backwards
- **ROTOR STRENGTH** is a feature of Logic flail mowers. The diameter of the rotor shaft is further strengthened with four vanes, which are used to mount the flails in a series of hole options. The vanes generate a greater “draught” under the hood to pick-up material that is lying down, or has been driven over, then once cut is thrown out to prevent blockage. Other designs available often rely on a smaller diameter shaft with flail mountings welded on, which are prone to damage and imbalance.
- **SAFETY “KILL” SWITCH** is standard on Logic flail mowers, to permit the immediate stopping of the mower if

some foreign body becomes entangled in the flails, thereby reducing any damage. In the unlikely event of an accident causing the operator to leave their seat, the expanding lanyard connected to the operator, would pull out the ignition device, stopping the machine.
No other mower of this type includes this facility.