

BOMFORD

Eagle



The Eagle flail mower is a 137 litre per min, 8.0m reach, non-parallel geometry, twin sided cutting straight arm machines with a telescopic outer arm and a hydraulic turntable for the attached implement. These durable professional contractor machines have a separate mainframe and oil tank and also a kingpost which allow's the arm set to be slewed through 180 degrees for twin cutting, left hand and right hand.

The Eagle is hydraulically powered via twin gear pumps mounted to a cast iron gearbox and delivers 137 litres of oil flow to the rotor. The hydraulic system is fully independent through a PTO drive from the rear of a suitable tractor. Standard features include a 180 degree turntable for the attached implement, power slew, forward working hydraulic breakout protection, head float, road lights and axle mounting forks.

The Eagle is designed for vegetation control, to cut and thin out all types of hedges and verges within the scope of its reach and performance, built for typical duty cycles of 1900 hours per annum.

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Product specification

Key Points and features

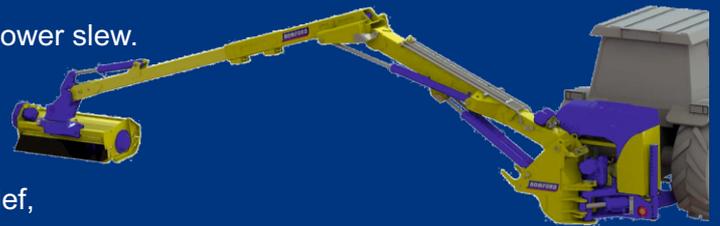
The New Eagle is a twin sided cutting machine with 8.0 metre reach both LH and RH, with cutting head centre mounted. Designed with the wealth of experience gained from manufacturing and selling the B81-81 series for many years, and the 25S before that.

The Eagle has had a ground up review on each and every working and manufactured part, taken from in-depth studies of Warranty reports, and customer feedback. We took the time to look through improvements that could be made to existing features, or completely re – designed.

The Eagle comes complete with Hydraulic breakout for driver and machine safety, and to ease the operation, no longer connected to the first ram lift via the complicated lock out valve system. The Eagle also comes complete with the renowned Bomford ICS (intelligent control system) that features fully programmable proportional controls.

The Eagle is available with a choice power systems, gear or piston.

The Eagle features twin sided cutting with 180 degree positive power slew. Twin cylinder electric arm float, programmable from cab. Electric head float and electric rotor reverse. ICS controls – Fully proportional and programmable, vario speed software. Automatic oil cooler, main cutting circuit. A 180 degree hydraulic turntable, now positive slew ring with relief, plus a cast Iron gearbox and cutting pump.



Cast Iron gearbox and drive pump as standard. Powerful larger twin ram hydraulic power slew and breakout system. Machine can be used on inclines, and still fully controlled when slewing. New “rap around” steel hoses on first arm – kingpost area for improved hose routing. Wider access in the tank and gearbox area for improved hose routes. Road lighting kit standard. Rubber void bush mounted oil tank to isolate and vibration from key hydraulic components.

Brand new telescopic wear pad adjustment system, for ease of adjustment and added strength. These are now simply adjusted externally via the 4 x bolts. Tightening the bolts applies pressure via the “V” wedge system to the wear pads. The wear pads are now mounted on the edges of the telescopic arm to eliminate the torsional twist between the inner and outer telescopic arms, and as a result present the cutting head at the correct angle for cutting.



Technical specification	
Max Reach	8.85 m
Cutting width Pro-Cut 1.2	1200 mm
Cutting width Pro-Cut 1.5	1500 mm
Pump flow rate	137 litres per minute
Weight (inc oil)	2060 kg
Oil tank capacity	135 litres
Min tractor requirement Hp	160 hp
Min tractor weight	6000 kg (inc. ballast)



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