

Osprey

The Osprey is the perfect choice for the small scale and co-operative agricultural markets. This economic entry level machine would also be of interest to sports and amenity managers.

With a choice of 4.5m or 5.0m reach, with an impressive 110 degrees of power slew and hydraulic breakout as standard, the Osprey is ideal where access is a challenge to the operator. The mainframe of the machine is close coupled to the tractor and this allows the machine to be fitted to smaller tractors than most other competitor models on the market.

Arm attachments can include a choice of flail heads for control of grass, hedges and light brush along with the Sheartrim cutter bar or Pro-Saw attachments for control of heavier brush.

Key Features

- 4.5 or 5.0m reach
- Choice of heads
- Low friction cable or LPH
- Three point linkage mounted
- 110° power slew
- Hydraulic breakout protection



Want to know more about the Osprey range?

Scan the QR code to the left with a smart phone or tablet and compatible app to instantly view the page.

Alternatively visit: <http://www.bomford-turner.com/landscape/arm-mowers/osprey/>



Product Specification

● Standard ○ Optional — Not Available

Osprey	4.5m (14'9")	5.0m (16'5")
Tractor requirements		
Minimum horse power	70hp	75hp
Minimum weight	2300kg / 5070lbs	2500kg / 5512lbs
Base unit mounting options		
Front mount	—	—
Mid-mount	—	—
Rear mount	●	●
Three point linkage (CAT II)	●	●
Axle bracket	—	—
Overall machine parameters		
Machine weight with head and oil	820kg / 1808lbs	860kg / 1896lbs
Capacity of oil tank	130L / 34.3USG	130L / 34.3USG
Weight of machine with oil but without head	700kg / 1543lbs	740kg / 1632lbs
Controls		
Cable Control (CC)	●	●
Low pressure hydraulics (LPH)	○	○
Electronic Switch Control (ESC)	○	○
Electronic proportional control (EPP)	—	—
Intelligent control system (ICS)	—	—
Cable rotor reverse	●	●
Electronic rotor reverse	—	—
Hydraulic System		
System capability	45hp	45hp
Pump flow rate	74L / 19.5USG	74L / 19.5USG
Pump type (Gear / Piston / Helical)	Gear	Gear
Pump arrangement (Twin / Tandem Inline)	Twin	Twin
Independent hydraulics	●	●
Oil cooler	○	○
Accessories		
Road lights	—	—
Debris blower	—	—
Warning arrow - Magnetic	○	○
Cab guard kit	●	●

Osprey	4.5m (14'9")	5.0m (16'5")
Arm features and main frame		
Fixed forward arm	—	—
Folding forward arm	—	—
Variable folding arm	—	—
Telescopic arm	—	—
Telescopic arm stroke	—	—
Power slew	●	●
Power slew angle	110°	110°
Gravity breakout protection	—	—
Hydraulic breakout protection	●	●
Armfloat - manual operation	○	○
Armfloat - electronic operation	○	○
Head angle float	●	●
Left hand cutting	○	○
Right hand cutting	○	○
Left and right hand cutting	—	—
Arm attachments available		
Variable track bracket (VTB)	—	—
Sheartrim cutter bar	○	○
Pro-Saw	○	○
Ditch cleaner	—	—
Rotary head	—	—
Cutting heads (For Flail compatibility see pg 82)		
950mm head with 102mm roller	●	●
1000mm head with 102mm roller	○	○
1257mm head with 102mm roller	○	○
1257mm head with 150mm roller	○	○
1107mm head with 115mm roller	○	○
1.5m sheartrim cutterbar	○	○



Compact transport

As a result of the 110° power slew the Osprey has a compact inline transport position.

Hydraulic slew & breakout
110° of slew and hydraulic breakout makes the Osprey very adaptable.



Secure adjustable parking stands

For uncoupling the machine on a variety of surfaces safely.



Adjustable cowl linkage
Giving a larger range of head movement.

Working Reach

Head used for calcs: 950mm

	Osprey 4.5m (14'9")	Osprey 5.0m (16'5")
A	4.55m / 14'11"	5.0m / 16'5"
B	4.33m / 14'2"	4.8m / 15'9"
C	2.3m / 7'6"	2.8m / 9'6"
D	3.7m / 12'1"	4.2m / 13'9"
E	4.7m / 15'5"	5.2m / 17"
X	1.0m / 3'4"	1.0m / 3'4"
Y	1.34m / 4'7"	1.34m / 4'7"

