

Shelbourne

REYNOLDS



Powerspread Pro 1800-3200

1800 & 2300 gallon SWB Models

2400 & 3200 gallon LWB Models

Chops & Spreads Solids & Liquids

High Capacity & Output

Reverse Drive Facility

Hydraulically Lowering Rotor

Even Spread upto 20m

Shelbourne

Powerspread Pro 1800-3200



The Powerspread Pro range is the culmination of 15 years of product development.

All of the traditional Powerspread benefits are incorporated such as overshot impeller, right side centre discharge and reverse drive facility with the added benefits of larger capacity, stronger, simpler drive system and a larger discharge rotor for increased discharge rates.

The Powerspread Pro is available in sizes of 1800 and 2300 gallons in short wheelbase format and 2400 and 3200 gallons in long wheelbase format with the latter capable of holding upto 15 tonnes of material. These machines are suitable for a wide range of farm, contractor and commercial waste disposal applications.

“The Powerspread Pro range has been designed

Features Include:

- Overshot discharge rotor gives even and accurate spread patterns upto 20m
- Right side centre mounted discharge rotor
- New 1.4m wide discharge rotor
- Will spread both slurry and farmyard manure
- Vertically opening sealed door allows the full width of the rotor to use the underside of the hardox door as a shear bar for better manure fragmentation
- Easy to maintain simple drive design using two chains transmits more power
- Kick back auger paddles feed material to the door
- Separate auger shear bolt protection
- Auger Reverse
- Discharge rotor lowers hydraulically and a taller door opening allows access for foreign body removal



as a high capacity fast output manure spreader



Simple high power chain drive with reverse



1.4m wide rotor with Hardox bolt on wear plates



Hydraulically operated anti bridging arm keeps material moving to the door



Discharge rotor can be hydraulically lowered to allow access



Adjustable slurry deflector controls discharge height



Powerspread Pro 2300 SWB

The Powerspread Pro range has been designed as a high capacity fast output manure spreader giving the capacity and through put of rear discharge machines but with the spread pattern and slurry handling characteristics of the existing Powerspread range.



Powerspread Pro 3200 LWB

Powerspread Pro 1800-3200

Technical Data

Model	Short Wheelbase		Long Wheelbase		Tandem Axle	
	1800	2300	2400	3200	2400	3200
Capacity / Level	8000 Litres 1800 Gallons (UK) 2200 Gallons (US)	10500 Litres 2300 Gallons (UK) 2800 Gallons (US)	11000 Litres 2400 Gallons (UK) 2900 Gallons (US)	14500 Litres 3200 Gallons (UK) 3850 Gallons (US)	11000 Litres 2400 Gallons (UK) 2900 Gallons (US)	14500 Litres 3200 Gallons (UK) 3850 Gallons (US)
Volume / Level	8 m ³ (283 ft ³)	10.5 m ³ (371 ft ³)	11 m ³ (388 ft ³)	14.5 m ³ (512 ft ³)	11 m ³ (388 ft ³)	14.5 m ³ (512 ft ³)
Overall Length	6091mm (20')	6091mm (20')	7650mm (25')	7650mm (25')	7650mm (25')	7650mm (25')
Width Over Tyres	2600mm (8' 6")	2600mm (8' 6")	2650mm (8' 8")	2650mm (8' 8")	2500mm (8' 2")	2500mm (8' 2")
Loading Height	2473mm (8' 1")	2766mm (9' 1")	2487mm (8' 2")	2780mm (9' 1")	2537mm (8' 4")	2830mm (9' 3")
Opening Length	3658mm (12')	3658mm (12')	5200mm (17' 1")	5200mm (17' 1")	5200mm (17' 1")	5200mm (17' 1")
Width at Top of Tub	2275mm (7' 6")	2477mm (8' 2")	2275mm (7' 6")	2477mm (8' 2")	2275mm (7' 6")	2477mm (8' 2")
Overall Height	2473mm (8' 1")	3000mm (9' 10")	2487mm (8' 2")	3014mm (9' 11")	2537mm (8' 4")	3064mm (10' 1")
Tyre Size	23.1-26	23.1-26	650/65 R30.5	650/65 R30.5	500/60-22.5	500/60-22.5
PTO Speed	540rpm	540rpm	540rpm	540rpm	540rpm	540rpm
Recommended Tractor Size	120hp Upwards	120hp Upwards	120hp Upwards	120hp Upwards	120hp Upwards	120hp Upwards
Unladen Weight	4150kg (9150lbs)	4380kg (9658lbs)	5050kg (11135lbs)	5310kg (11709lbs)	5770kg (12723lbs)	6030kg (13296lbs)
Gross Weight	11350kg (25027lbs) *Same as above	13280kg (29282lbs) *13830kg (30495lbs)	11850kg (26129lbs) *15050kg (33185lbs)	12110kg (26703lbs) *18310kg (40374lbs)	18290kg (40329lbs)	18290kg (40329lbs)
Unladen Drawbar Weight	1104kg (2434lbs)	1166kg (2571lbs)	1014kg (2236lbs)	1049kg (2313lbs)	1139kg (2511lbs)	1190kg (2624lbs)
Max Axle Weight	8663kg (19102lbs) *Same as above	10157kg (22396lbs) *10586kg (23342lbs)	9912kg (21856lbs) *12677kg (27953lbs)	10137kg (22352lbs) *15495kg (34166lbs)	15046kg (33176lbs)	15039kg (33161lbs)
Max Drawbar Weight	2687kg (5925lbs) *Same as above	3123kg (6886lbs) *3244kg (7153lbs)	1938kg (4273lbs) *2373kg (5232lbs)	1973kg (4350lbs) *2815kg (6207lbs)	3244kg (7153lbs)	3251kg (7169lbs)
Spread Width	Up to 18m	Up to 18m	Up to 18m	Up to 18m	Up to 18m	Up to 18m
Door Size (Width)	1320mm	1320mm	1320mm	1320mm	1320mm	1320mm
Door Operation	Double Acting Hydraulic Ram	Double Acting Hydraulic Ram	Double Acting Hydraulic Ram	Double Acting Hydraulic Ram	Double Acting Hydraulic Ram	Double Acting Hydraulic Ram
Max Road Speed	20mph (32km/h)	20mph (32km/h)	20mph (32km/h)	20mph (32km/h)	20mph (32km/h)	20mph (32km/h)

NOTE: ALL WEIGHTS & OTHER DATA ARE APPROXIMATE.

Weights in bold text and a 20mph (32km/h)-speed limit must not be exceeded if the machines are to be taken on public roads. These weights are based on UK road regulations stating that the weight at the wheels must not exceed 10170kg on a single axle.

* Increased weights are for field use only (max speed 10km/h). They are derived from the maximum weights you can physically put into the machine, (figures based on manure being no heavier than 900kg/m³).

The **Tandem Axle Model** can be towed loaded on the public highway up to a gross weight of 18290kg, but a 20mph (32km/h)-speed limit must not be exceeded as the machine is not equipped with ABS. These weights are based on UK road regulations stating that the gross weight of an unbalanced tandem axle trailer must be limited to 18290kg. (Inclusive of the weight imposed on the towing vehicle).

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