



Evo Muckspreader

1400, 1600, 1800



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Fine, fast, shred and spread...Evo

Introducing our new 'flagship' range: Evo, developed to meet the high output spreading requirement of compost, chicken litter, sludge cake and farm yard manures across 12 to 20m bout widths. The high value of manures, compost and sludge cake need consistent, accurate spreading, achieved with oversized vertical rotors and multi toothed flights operating at speed.



Splayed side walls



Good flotation and traction



Optional sprung draw bar



Hydraulic folding light assemblies

The Evo achieves this with two **dynamically balanced vertical rotors**, with 950mm diameter flights and 1250mm **large spreading paddles**.

The high tensile **10mm thick rotors** reach a tip speed in excess of 40mph from 1000rpm input. These are driven by a 180hp heavy-duty one-piece gearbox, protected by shear-bolt & automatic torque limiting clutch.

Four **16mm 'marine' floor chains** provide 120 tons of breaking strain, hydraulically driven by a large 75mm rear drive shaft, c/w high tensile drive sprockets. The speed of these is electronically controlled from within the tractor cab.

The **flared body side walls** give extra carrying capacity within a compact 'foot print', with an impressive 2.4m loading width.

Bolt-on floor slats effectively convey the load along the 1.6m wide floor.

The **full height slurry door** regulates the flow of material to the rotors to achieve a consistent spread pattern of between 12 & 20 metres.

Evo models are built on 150mm square **commercial axles** with 420 x 180 S-cam brakes, fitted with 35mm brake rams and slack adjusters.

Other Evo features & benefits include:

Large wheels provide good floatation and traction in all conditions.

Wide angle front PTO shaft.

Hydraulically folding light assemblies.

Front hose arm fitted for easy stowage of pipes when not in use.

The range is available in 14, 16 & 18 ton capacities.



Dynamically balanced vertical rotors



10mm thick rotors



1250mm spreading paddles



16mm 'marine' floor chains

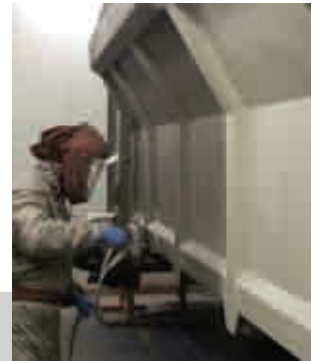


Evo 1600

1st Class Protection

3 stage paint finish

Like all K-Two muck spreaders, Evo models are treated for long service. The 130 micron marine specification paint finish ensures durability to withstand the harsh and corrosive environments these hard working machines can expect.



Optional Equipment

To complement the high standard specification of the K-Two Evo Muck Spreaders, a number of optional extras are available, including:

Sprung drawbar reduces shock loads to the tractor and operator.

Weigh cells and printer monitor the hopper and spread rate, showing the weight in the body, total amount spread, average spread rate and area covered.

Extension sides made from wood or steel are available in a range of sizes to increase the volume of the spreader and make full use of its carrying capacity in less dense manures.

Larger Wheels & Tyres in a range of different sizes are available for each model, in lieu of standard.

Please contact us for details.



Full height slurry doors

Evo in action 2 user stories



For full stories, see K Two web site

C J & J M Huyton have benefited from the increased local use of human sludge cake. “Our previous spreaders had a tendency to mass the sludge cake into lumps, whereas the **Evo 1400** has specially designed and evenly spaced spiral beaters (wider and stronger than fitted on most spreaders) which spin faster and give a uniform spread across 12m without lumps.”

W Dale & Son of North Yorks are farm contractors specialising in the supply and precision spreading of locally produced, domestic waste compost, both 'pass 100' and 'non pass 100' grades composted by Yorwaste. Nick operates a pair of K Two **Evo 1400** Muck spreaders. Nick and his team can work out the application to within 0.1 ton or less, averaging 30 ton to the hectare. “You need precision spreading or you don't get the full benefit of the compost” explains Nick.

Technical Specifications

Model	1400	1600	1800
Carrying capacity (kg)	14,000	16,000	18,000
Volume - Standard (m³)	13.3	14.6	15.8
Volume - Heaped (m³)	21.5	23.5	25.4
Standard wheels	580/70 R38	580/70 R38	620/70 R42
No. of bed chains	4	4	4
Bed chain thickness (mm)	16	16	16
Rear floor drive roller dia. (mm)	75	75	75
Power requirement (kw/hp)	101 / 135	112 / 150	123 / 165
Dimensions: (mm/feet)			
Overall length	7770 / 25' 6"	8270 / 27' 1"	8770 / 28' 9"
Overall height	3295 / 10' 10"	3295 / 10' 10"	3365 / 10' 11"
Loading height	2460 / 8'	2460 / 8'	2530 / 8' 4"
Internal length	5475 / 17' 11"	5975 / 19' 7"	6475 / 21' 3"
Internal height	1350 / 4' 5"	1350 / 4' 5"	1350 / 4' 5"
Overall width	2920 / 9' 7"	2920 / 9' 7"	3000 / 9' 10"
Internal width	1600 / 5' 3"	1600 / 5' 3"	1600 / 5' 3"
Unladen weight (kg)	n/a	n/a	n/a

OPTIONAL EXTRAS: Sprung drawbar, larger wheel sizes.

Designed to perform



built to last.