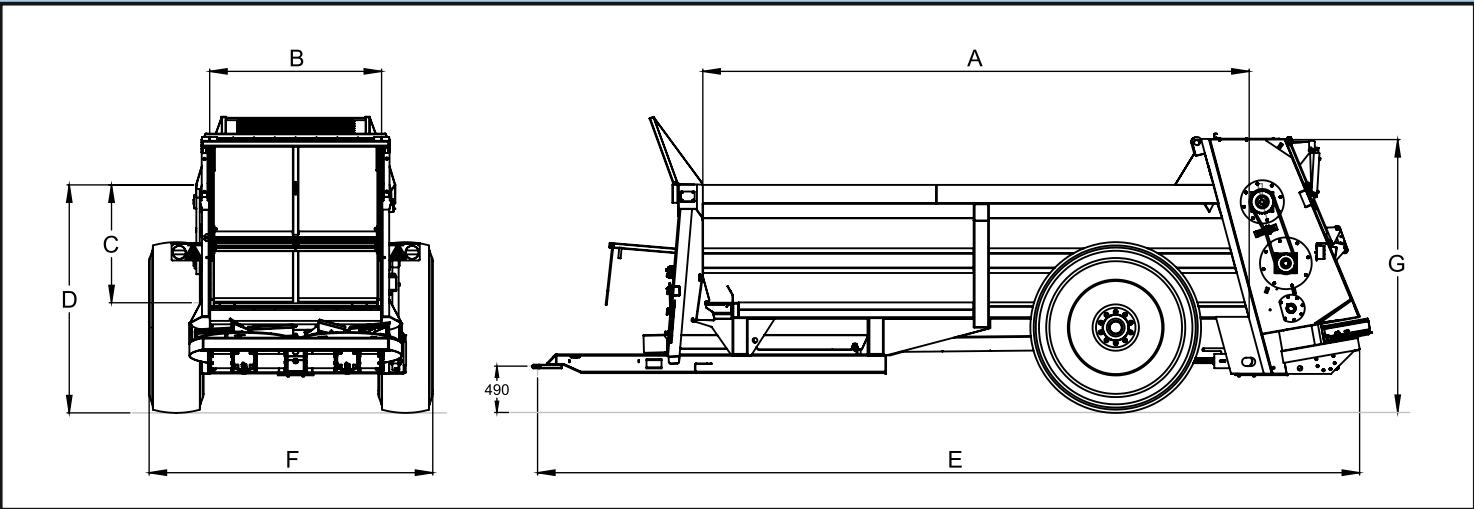


	105 - Mk4	120 - Mk4	150 - Mk4	150HD - Mk2	175HD - Mk2	180 - WB	230 - WB	320 - WB	380 - WB
Axle	Single	Single	Single	Single	Single	Single	Tandem	Tri-axle	Tri-axle
Axle Beam Size	130mm	150mm	150mm	150mm	150mm solid	150mm	130mm	150mm	150mm
Carrying Capacity	12.6 tonnes	14 tonnes	16.6 tonnes	17.5 tonnes	22 tonnes	18 tonnes	23 tonnes	35 tonnes	35 tonnes
Cubic metres level	10.4m	11.6m	12.6m	13.6m	18m	14.6m	16m	20m	25m
Cubic metres heaped	13.2m	14.6m	15.9m	17.1m	23m	21m	26m	32m	40m
Heaped etx. capacity	17.5m	19.1m	20.9m	22.8m	N/A	N/A	N/A	N/A	N/A
Body size (int. m)	5.2 x 1.5 x 1.23	5.5 x 1.5x 1.3	6.0 x 1.5 x 1.3	6.0 x 1.6 x 1.25	6.0 x 1.6 x 1.58	6.0 x 1.83 x 1.3	6.0 x 1.83 x 1.4	7.8 x 1.83 x 1.3	7.8 x 1.83 x 1.3
Floor drive	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Floor chain size	16mm	16mm	16mm	20mm	20mm	20mm	20mm	20mm	20mm
Brake size mm	406mm x 120mm	406mm x 120mm	406mm x 140mm	406mm x 140mm	420mm x 200mm	406mm x 140mm	400mm x 80mm	406mm x 120mm	406mm x 140mm
Tyre size	580/70 R38	580/70 R38	580/70 R38	580/70 R38 HL	710/70 R42 HL	710/70 R38 HL	650/55 R26.5	650/55 R26.5	650/55 R26.5
Spread mechanism	Spinning disc	Spinning disc	Spinning disc	Spinning disc	Spinning disc	Spinning disc	Spinning disc	Spinning disc	Spinning disc
Spread width	Up to 24m	Up to 24m	Up to 24m	Up to 24m	Up to 24m	Up to 24m	Up to 24m	Up to 24m	Up to 24m
PTO speed	1000 RPM	1000 RPM	1000 RPM	1000 RPM	1000 RPM	1000 RPM	1000 RPM	1000 RPM	1000 RPM
Floor plate	5mm	5mm	5mm	5mm	5mm	5mm	5mm	5mm	5mm
Side plate	4mm	4mm	4mm	4mm	4mm	4mm	4mm	4mm	4mm
Unladen weight	5800 kgs	6100 kgs	6450 kgs	7200 kgs	8200 kgs	8020 kgs	8920 kgs	13000 kgs	14500 kgs



Model	A	B	C	D	E	F	G
105 - Mk4	5000	1500	1230	2350	7920	2920	3150
120 - Mk4	5284	1500	1290	2410	8204	2920	3150
150 - Mk4	5820	1500	1290	2410	8740	2920	3150
150HD - Mk2	5815	1600	1260	2520	8740	3020	3180
175HD - Mk2	6260	1600	1580	2890	8720	3190	3135
180 - WB	5815	1830	1260	2450	8800	3270	3105
230 - WB	5815	1830	1370	2585*	8800	3550 **	3295
320 - WB	8260	1830	1490	2600*	11160	3700 **	3395
380 - WB	8260	1830	1695	3235*	11160	3700 **	3395

* Varies depending on wheel size

** 2900 wheels underbody



Lowlander HBD Multi-purpose Spreaders





Heavy duty horizontal beaters.

Dynamically balanced, with replaceable heat treated Boron blades, the beaters are designed to process the toughest of materials and deliver a consistent flow to the spreading discs. To help increase the blades life the tips are also coated in an additional wear resistant material



Large diameter spinning discs.

Manufactured from HARDOX, the 1.1 metre diameter spinning discs are fitted with multi position spreading blades to achieve the correct spread patterns for a wide variety of materials. Spread widths from 12 to 30 metres are possible depending on the density and nature of the product being spread. Replaceable HARDOX wear strips line the inside of the spinner deck.



Heavy duty beater drive.

The horizontal beaters are driven by heavy duty Renold roller chains which incorporate solid rollers and bushes. These are chosen for their unbeatable resistance to wear, fatigue and most of all shock loading. An automatic oiler keeps the chains and sprockets lubricated.



Full width floor slats.

Full width floor slats clear the whole floor eliminating the possibility of bridging – a problem sometimes encountered with multi slat floor systems. The socket fit design facilitates maintenance, which can be carried out in the field. It also allows the chain to pull straight, should a slat become bent.



Fully welded construction.

To ensure the long life and high residual values of the HBD machines the rear spreader mechanism is fully welded to the body of the spreader. The strength and reliability is far greater than a bolt on system. This also aids in the design of the spreader mechanism and ensures the correct feed of product onto the discs.



Hydraulic opening rear canopy (option)

As an option the rear canopy can be opened hydraulically to enable the machine to make windrows for composting or for ease of maintenance. The flat surface of the canopy is constructed from HARDOX, eliminating damage from foreign objects.



Hydraulic border spreading deflector (option)

This deflects the material down to the ground and limits the spread width on one side, preventing material being spread beyond the field boundary.



Lowlander 105 Mk4 HBD with built in flared extension sides, 710/70 R38 tyres, mudguards, border deflector & weigh cells



Lowlander 175 HD HBD with, 710/70 R42 tyres, mudguards, hydraulic opening canopy, border deflector, weigh cells and toolbox



Lowlander Widebody 230 HBD with built in flared extension sides, 710/50 R30.5 tyres, Slurry door, border deflector, steering rear axle and Isobus weigh cell system



Lowlander 105 Mk4 HBD with flared body to standard height, slurry door, weigh cells, sprung drawbar, hydraulic opening canopy & border deflector



Lowlander 150 Mk4 HBD with built in flared extension sides, slurry door, 710/70 R38 tyres, mudguards, weigh cells, steel PTO guard, sprung drawbar, hydraulic opening canopy & border deflector



Lowlander Widebody 380 HD HBD with Slurry door, 600/55 R30.5 tyres and Hydraulic opening rear canopy



Psi Apollo



ISOCAN Apollo



X25

Weigh cells with automatic rate control (option)

The Apollo spreader controllers have all the features for today's farming techniques. Target application rate can be entered into the controller which then monitors the load and adjusts the floor speed accordingly. GPS variable rate technology is supplied as standard and the system can receive an application rate from a third party controller such as a John Deere Greenstar, Raven or Trimble or a pre-defined application map can be loaded to automatically vary the rate. Data can be logged and output to excel or a treatment map are possible.

Isobus options are now available. Please contact us for more information.



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