



Farmstar 80 HBD Multi-purpose Spreader





Single Heavy duty horizontal beater.

Dynamically balanced, heat-treated Boron lighting with replaceable heat-treated Boron reversible cutters, designed to process the toughest of materials and deliver a consistent flow to the spreading discs. De string bars are fitted as standard, making it easier to remove string and other materials that can become wrapped around the beaters.



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 along with replaceable Boron end wear plates.



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.



RT500 Series High torque, hydraulic driven floor drive gearbox.

The gearbox provides constant even feed of material to the spreading mechanism. With a reverse feature, any foreign object too large to pass through beaters can be easily removed. An adjustable cross-line relief valve also delivers additional protection.



Two heavy duty floor chains.

The use of marine grade 80, 16mm heavy duty chains allows for a more reliable floor drive. The chains are driven by high tensile sprockets, keyed on to the high tensile rear floor shaft. Sprockets fitted to the front floor shaft also, ensuring perfect alignment and accurate timing of the chains.



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.



ISOCAN Apollo with ISOBUS ECU

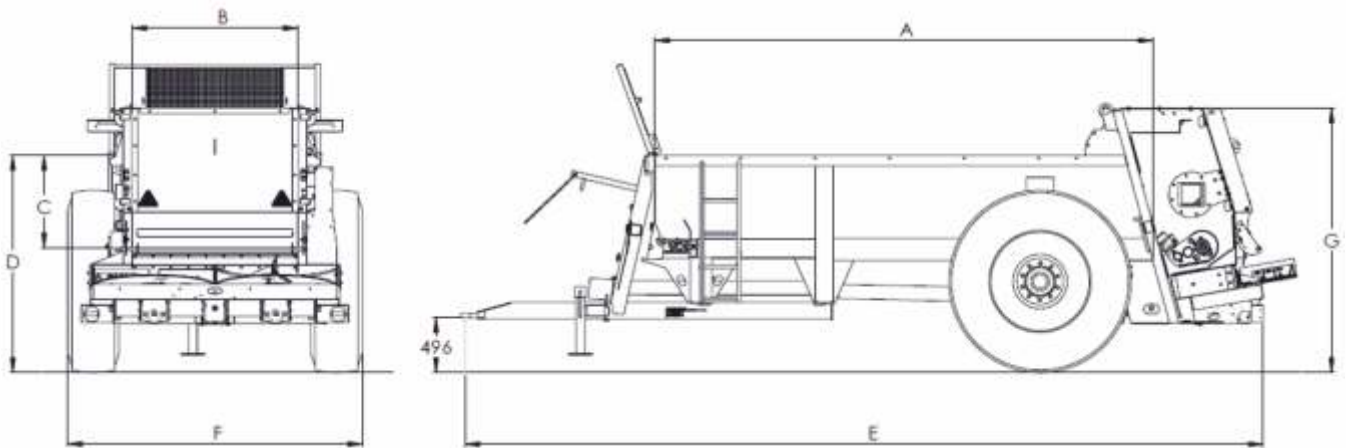


ISOBUS

	Farmstar 80 HBD
Axle	Single
Axle beam size	120mm
Carrying capacity	8000kg
Cubic metres level	6.0m
Cubic metres heaped	8.0m
Cubic with ext. heaped	10.2
Body size (Int. mm)	4500 x 1500 x 785
Floor drive	Hydraulic c/w reverse
Floor chain size	16mm
Brake size mm	406 x 120
Std tyre size	18.4 x 34 PR14
Spread mechanism	Single horizontal beater
Spread width	Up to 30m
PTO speed	1000 rpm
Floor plate	5mm
Side plate	4mm
Unladen weight	5200kg

Optional Equipment
• Slurry Door
• Slurry door height indicator
• Wide angle PTO shaft
• Toolbox
• Hydraulic opening canopy
• Hydraulic border deflector
• In cab electric floor speed control
• Bolt on Extension sides
• Rear flashing beacons
• Mudguards
• Mudguard marker lights
• 18.4 – 38 14ply tyres
• 520/85 R38 tyres
• 580/70 R38 tyres
• 650/65 R30.5 tyres
• 650/65 R 38 tyres
• 710/70 R 38 tyres
• Weigh cells with rate control
• Non-standard colours

Farmstar 80 HBD



Model	A	B	C	D	E	F	G
Farmstar 80 HBD	4500	1500	785	1965	7225	2670	2395


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