

MANURE SPREADERS

DELILAH DL • DELILAH D • DELILAH DV • DELILAH DS • FBS • SDS



QUALITY PRODUCTS AND SERVICE FOR OVER FIFTY YEARS

For more than five decades, the Richard Western name has been synonymous with the design and manufacture of products trusted by farmers and contractors from across the UK and beyond.

Founded in the 1960s by Richard Western the business was originally known for trailer sales, but as it's reputation for quality and longevity of products grew manure spreaders were added to the range. These soon became equally popular and the product range now boasts an array of other agricultural equipment also. A family run business in the heart of East Anglia, Richard Western set the business up with the same core values in place now – honesty, integrity and highest quality products.





Angus Western
Managing Director, Richard Western Ltd.

"Every member of my team is aware of their responsibility and contribution to quality, and I am incredibly proud of the results they achieve.

We have a real appreciation for our customers as well as the many dealers across the UK and beyond. We enjoy fantastic working relationships and get an incredible value from every 'thank you' we receive, the **3 year extended warranty** we offer is our commitment to new as well as existing customers that we will continue to place quality and long-term relationships ahead of production costs.

We strive to be a company which people like to work with, as well as rely on for **longevity and durability of products.** We hope this grassroots approach to business will continue to serve us and our customers well long into the future as it has the past."

WHY CHOOSE A RICHARD WESTERN TRAILER?

- **A QUALITY PRODUCT**
  Through our continuous investment in advanced technologies, including integration of robotic welding systems, consistent quality is delivered with every Richard Western product.
- **LOOK GOOD FOR LONGER**
  Every Richard Western product begins it's journey by being shot-blasted and primed with a high-performance coating. A two-component topcoat follows, which is applied and cured at an optimal temperature. This leads to a finish which our customers can rely on even in the harshest weather conditions.
- **MORE PROFITABLE**
  Through the use of advanced design and technology, our spreaders shred manure more finely than other brands, enabling a better return from the manure and better results for the fields.
- **DURABILITY & LONGEVITY**
  Working with cutting-edge in-house designers we never stop looking for ways to make our products even stronger. The production process we follow, as well key design features, has lead to our reputation for producing products that significantly outlasting other brands. We often see Richard Western products still at work more than two decades after they were first commissioned.
- **EXCELLENT RESELL VALUES**
  The resale value of Richard Western products are maintained, owing to our reputation, products that look good for longer,strength and overall build quality,
- **LONG-TERM SUPPORT**
  Customers can contact the Richard Western Service Team for ongoing after-sales support, no call centres, diverts or hidden charges.

We are dedicated to excellence – from design stage to delivery

"We moved to Richard Western machines following an in-depth conversation with Angus Western. I really valued his approach to the precision of the spread pattern of the machine. The technology on their spreading discs is a lot more thought through than machines we've had in the past.

The weigh cells and the ability to put on a precise amount is also very welcome. The build quality of a Richard Western spreader is really good and the team are excellent. They are so attentive and their eagerness to adapt a machine with specific requirements makes working with them easy."

Robert Alexander
Bush Green Farm, Pulham Market, Norfolk



WHAT MAKES RICHARD WESTERN DIFFERENT?

Richard Western operates on a global scale, with over **200 dealerships** across the UK alone. We set ourselves apart from our competitors in terms of build quality, longevity and aftercare service. To back this up all our products come with an **extended 3 year warranty as standard.**



DELILAH SPREADERS
DL RANGE





Model shown includes optional equipment at extra cost.

Standard Features For Delilah DL Range

1. BOLT-ON SWIVEL Ø50MM TOWING HITCH
The swivel feature allows for multi-directional movement, providing enhanced maneuverability when towing. This is especially valuable when navigating tight corners on uneven terrain.

2. WIDE-ANGLE PTO AS STANDARD
The PTO can remain engaged during headland turns, provided it is not under load. The rotors are protected by both an overrun clutch and a cam clutch. In the event of an overload, this protection system significantly reduces the need to replace shear bolts, minimizing downtime and maintenance costs.

3. FLOOR DRIVE SHAFT & SPROCKETS
The 6-tooth floor sprocket features a keywayed hub connection to the floor shaft and a bolt-on split sprocket design, enabling quick and easy replacement without removing the shaft. Compared to traditional 5-tooth sprockets, the 6-tooth configuration reduces wear by up to 20%, significantly improving durability while simplifying maintenance procedures.

4. ROTOR GEARBOX
The one piece SRT8 Gearbox ensures a smooth operation of the spreading rotors.

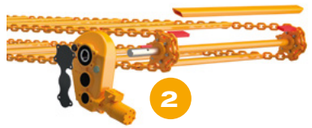
5. FLOOR CHAINS
The hydraulically driven floor is equipped with 2 heavy-duty 32-tonne calibrated 16 mm Grade 80 chains. Individual chain tensioning and a full-width floating floor slat every 9 links ensure a consistent spreading rate while preventing material bridging in the 1500mm wide spreader body.

6. 755MM ROTORS
Our 755mm rotors in the 1500mm frame, with five spiral flights of 8mm S275JR steel and a 140 x 6.3mm rotor tube, ensure superior shredding performance. The balanced rotors minimises vibration, enhancing efficiency and reliability in operation.

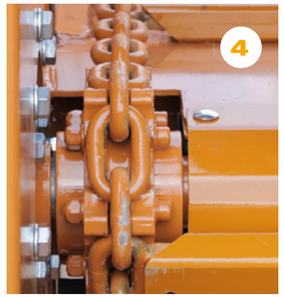
7. ROTOR TIPS
D Series have 60 heat-treated BORON 50 x 8mm tips fitted on a spreader, we use 2 different tip designs, twisted and straight 30 of each and arranged in a staggered formation to produce a constant rotor load and uniform distribution of shredded material.

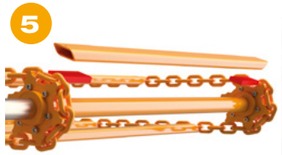
8. FLOOR DRIVE GEARBOX
The RT350 Gearbox, fitted, includes a 50mm floor shaft with a keywayed drive.













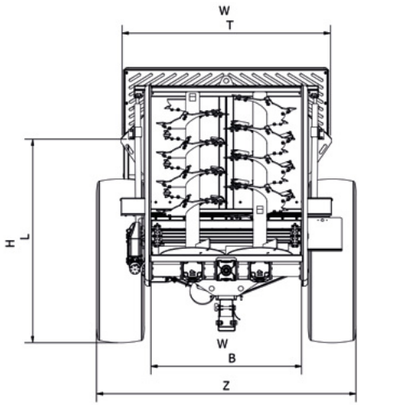


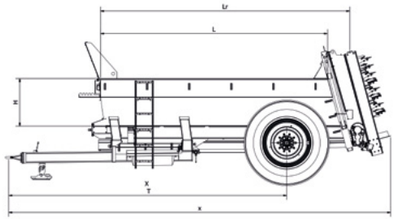


Specification
Delilah DL Range

Dimensions & Measurements:
Internal dimensions and volumes measured **with slurry door**. Other manufacturers often measure volume up to the rotor center, which can result in different capacity figures.

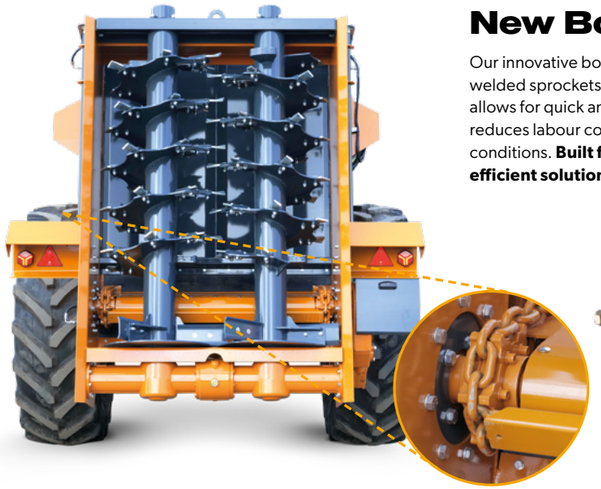
The capacities of all Richard Western products are calculated using advanced CAD software. This approach ensures that the stated capacities represent true, real-life scenarios, providing precise and reliable measurements for practical applications.





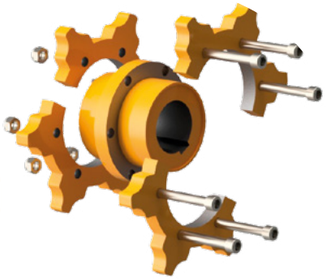
** Dimension dependent on tyre sizing (460/85R34 shown)*

MODEL NAME	DL6		DL8	
Heap volume (m^3 / cu ft)	2.5 / 88		2.3 / 117	
Level Fill (m^3 / cu ft)	5 / 177		6.4 / 226	
Internal dimensions and volumes measured with slurry door				
Heaped Fill (m^3 / cu ft) to Slurry Gate (Europe)	7.5	265	9.7	343
Heaped Fill (m^3 / cu ft) to Center of Rotors (UK)	8	283	10.1	357
Heaped Fill with Side Extensions (m^3 / cu ft) to Slurry Gate (Europe)	9.5	335	12.3	434
Axle Carrying Capacity (kg)	14,000		14,000	
Axle beam (mm / inch)	100 x 100	3 15/16 x 3 15/16"	100 x 100	3 15/16 x 3 15/16"
Brake size (ØxW, mm / inch)	400 x 80	15.74 x 3.15"	400 x 80	15.74 x 3.15"
Standard tyre size	460/85R34		460/85R34	
Rotor Ø (mm / inch)	755mm	29.72"	755mm	29.72"
Rotor Tube Ø (mm / inch)	140mm	5.5"	140mm	5.5"
Floor chains (qty x Ø, mm / inch)	2 x 16mm	2 x 5/8"	2 x 16mm	2 x 5/8"
Floor driveshaft Ø (mm / inch)	50mm	2 11/64"	50mm	2 11/64"
Power requirement (hp)	60		80	
PTO speed (rpm)	540 or 1000		540 or 1000	
Steel thickness: Floor / Sides (mm)	5/5		5/5	
Tare weight (kg)	3,350		3,800	
Floor drive torque (Nm)	3500		3500	
DIMENSIONS	**(mm)**	**(in)**	**(mm)**	**(in)**
X – Overall length (mm / inch)	6,250	246"	7,250	285"
Y* – Overall height (mm / inch)	2,730	107"	2,730	107"
Z* – Overall width (mm / inch)	2,990	118"	2,990	118"
L – Interior length (mm / inch)	3,550	140"	4,550	175"
L_1 – Interior length to rotor centre (mm / inch)	3,737	147"	4,737	186"
W_B – Interior width at bottom (mm / inch)	1,500	59"	1,500	59"
W_T – Interior width at top – loading width (mm / inch)	2,028	80"	2,028	80"
H – Interior height (mm / inch)	900	35"	900	35"
H_L* – Loading height (mm / inch)	2,030	80"	2,030	80"
X_1 – Towing Eye to centre of Axle (mm / inch)	4,438	174"	5,280	207"



New Bolt-On Sprockets

Our innovative bolt-on sprocket system revolutionizes maintenance and durability. Unlike welded sprockets, our design features a keyway connection that enhances reliability and allows for quick and easy replacement without shaft removal. This minimizes downtime, reduces labour costs, and ensures consistent performance even in demanding conditions. **Built for durability, the bolt-on sprockets provide a safer and more efficient solution for long-term operations.**



Optional Equipment Delilah DL Range

	Fixed Drawbar	Hydraulic Slurry Door	Lift off Canopy Door	Greedy Boards	Air Brakes	Electric bed speed control	460/85R34 Wheels	580/70R38 Wheels
DL6	STD	●	●	●	●	●	STD	●
DL8	STD	●	●	●	●	●	STD	●

○ Unavailable ● Available STD – Standard for this model

DELILAH SPREADERS
D RANGE



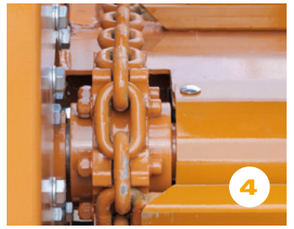


Model shown includes optional equipment at extra cost.





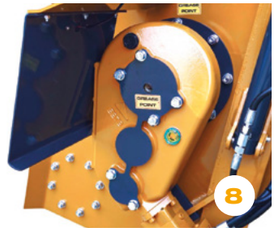












Standard Features For Delilah D8 – D15 Range

1. BOLT-ON SWIVEL Ø50MM TOWING HITCH
The swivel feature allows for multi-directional movement, providing enhanced maneuverability when towing. This is especially valuable when navigating tight corners on uneven terrain.

2. WIDE ANGLE PTO AS STANDARD
The PTO can remain engaged during headland turns, provided it is not under load. The rotors are protected by both an overrun clutch and a cam clutch. In the event of an overload, this protection system significantly reduces the need to replace shear bolts, minimizing downtime and maintenance costs.

3. FLOOR DRIVE SHAFT & SPROCKETS
The 6-tooth floor sprocket features a keywayed hub connection to the floor shaft and a bolt-on split sprocket design, enabling quick and easy replacement without removing the shaft. Compared to traditional 5-tooth sprockets, the 6-tooth configuration reduces wear by up to 20%, significantly improving durability while simplifying maintenance procedures.

4. FLOOR CHAINS The hydraulically driven floor is equipped with 2 heavy-duty 32-tonne calibrated 16 mm Grade 80 chains. Individual chain tensioning and a full-width floating floor slat every 9 links ensure a consistent spreading rate while preventing material bridging in the 1500mm wide spreader body.

5. RUBBER CUSHION
The rubber-cushion drive coupling is specifically designed to reduce shock loads between the Augers and the SRT12 one-piece rotor gearbox.

6. 800MM ROTOR
Our 800mm rotors in the 1500mm frame, with five spiral flights of 10mm heat-treated BORON steel and a 195 x 8mm rotor tube, ensure superior shredding performance. The larger tube minimises vibration, enhancing efficiency and reliability in operation.

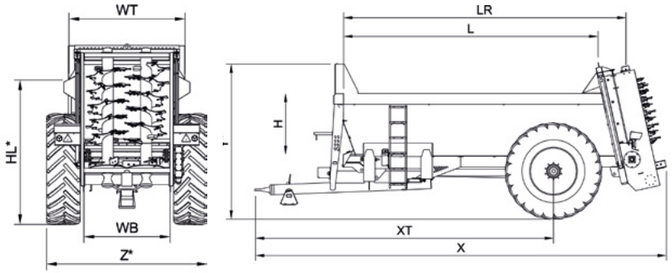
7. ROTOR TIPS
D Series have 60 heat-treated BORON 50 x 12mm tips fitted on a spreader, we use 2 different tip designs, twisted and straight 30 of each and arranged in a staggered formation to produce a constant rotor load and uniform distribution of shredded material.

8. FLOOR DRIVE GEARBOX
The RT500 Gearbox, fitted on D8–D10 and D12 models, and RT800 on D15, includes a 65mm floor shaft with a unique 30-spline design to Richard Western spreaders for superior floor shaft to gearbox engagement.

Specification Delilah D Range

MODEL NAME	D8		D10		D12		D15	
Heap volume (m³ / cu ft)	2.9 / 102		4.1 / 145		4.4 / 155		5.4 / 191	
Level Fill (m³ / cu ft)	7.6 / 268		9.6 / 339		10.8 / 381		11.2 / 396	
Internal dimensions and volumes measured with slurry door								
Heaped Fill (m³ / cu ft) to Slurry Gate (Europe)	10.5	370	13.7	484	15.2	537	16.6	586
Heaped Fill (m³ / cu ft) to Center of Rotors (UK)	12.4	438	14.4	509	15.6	551	17.2	607
Heaped Fill with Side Extensions (m³ / cu ft) to Slurry Gate (Europe)	13.3	469	16.21	572	17.93	633	19.6	692
Axle Carrying Capacity (kg)	15,700		15,700		15,700		17,500	
Axle beam (mm / inch)	150x150x15	6x6x19/32"	150x150x15	6x6x19/32"	150x150x15	6x6x19/32"	150x150x16	6x6x5/8"
Brake size (ØxW, mm / inch)	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"
Standard tyre size	460/85R34		580/70R38		580/70R38		580/70R38	
Rotor Ø (mm / inch)	800mm	31"	800mm	31"	800mm	31"	800mm	31"
Rotor Tube Ø (mm / inch)	195mm	8"	195mm	8"	195mm	8"	195mm	8"
Floor chains (qty x Ø, mm / inch)	2 x 16mm	2 x 5/8"	2 x 16mm	2 x 5/8"	2 x 16mm	2 x 5/8"	2 x 16mm	2 x 5/8"
Floor driveshaft Ø (mm / inch)	65mm	2 9/16"	65mm	2 9/16"	65mm	2 9/16"	65mm	2 9/16"
Power requirement (hp)	80		100		120		150	
PTO speed (rpm)	1000		1000		1000		1000	
Steel thickness: Floor / Sides (mm)	6/4		6/4		6/4		6/4	
Tare weight (kg)	5,000		5,400		5,800		6,300	
Floor drive torque (Nm)	5000		5000		5000		8000	
DIMENSIONS	**(mm)**	**(in)**	**(mm)**	**(in)**	**(mm)**	**(in)**	**(mm)**	**(in)**
X – Overall length (mm / inch)	6,737	265"	7,854	309"	8,254	325"	8,854	349"
Y* – Overall height (mm / inch)	2,954	116"	3,117	123"	3,117	123"	3,117	123"
Z* – Overall width (mm / inch)	2,730	107"	2,800	110"	2,800	110"	2,800	110"
L – Interior length (mm / inch)	3,612	142"	4,700	185"	5,100	201"	5,700	224"
L_r – Interior length to rotor centre (mm / inch)	4,159	163"	5,200	205"	5,600	220"	6,200	244"
W_B – Interior width at bottom (mm / inch)	1,500	59"	1,500	59"	1,500	59"	1,500	59"
W_T – Interior width at top – loading width (mm / inch)	2,020	80"	2,020	80"	2,020	80"	2,020	80"
H – Interior height (mm / inch)	1,250	49"	1,250	49"	1,250	49"	1,250	49"
H_L* – Loading height (mm / inch)	2,359	93"	2,518	99"	2,518	99"	2,518	99"
X_L – Towing Eye to centre of Axle (mm / inch)	4,704	185"	5,585	236"	5,985	236"	6,585	259"

** Dimension dependent on tyre sizing (580/70R38 shown – excluding D8)*



Dimensions & Measurements:
Internal dimensions and volumes measured **with slurry door.** Other manufacturers often measure volume up to the rotor center, which can result in different capacity figures.

The capacities of all Richard Western products are calculated using advanced CAD software. This approach ensures that the stated capacities represent true, real-life scenarios, providing precise and reliable measurements for practical applications.

Floor Drive Delilah D Range THE MOST ADVANCED FLOOR DRIVE ON THE MARKET

BOLT-ON SPROCKETS
- Quick to replace, no shaft removal needed – reduces downtime.

SPLINED SHAFT & GEARBOX
- Stronger than a keyway. No slippage, better load transfer, easier to service.

SEAL PROTECTION CAP
- Prevents water ingress during pressure washing – longer seal life.

16MM HEAVY-DUTY CHAIN
- Durable and reliable under high loads.

FLOATING SLATS ON TAB MOUNTS
- Slats flex over obstructions, reducing chain strain and improving durability.

Optional Equipment Delilah D Range

	Sprung Drawbar	Hydraulic Slurry Door	Lift off Canopy Door	Weighing equipment	Rear Drawbar c/w Hydraulic brakes & electrics	Greedy Boards 250mm	Air Brakes	TOPCON ISOBUS Spreader Monitor and variable application control	Griffith Elder Constant application rate control	Electric bed speed control	460/85R34 Wheels	580/70R38 Wheels	650/65R38 Wheels	710/70R38 Wheels
D8	○	●	●	●	●	●	●	●	●	●	STD	●	○	○
D10	●	●	●	●	●	●	●	●	●	●	○	STD	●	●
D12	●	●	●	●	●	●	●	●	●	●	○	STD	●	●
D15	●	●	●	●	●	●	●	●	●	●	○	STD	●	●

○ Unavailable ● Available STD – Standard for this model

DELILAH SPREADERS DV RANGE



Model shown includes optional equipment at extra cost.

Standard Features For Delilah DV Range

1. BOLT-ON SWIVEL Ø50MM TOWING HITCH
The swivel feature allows for multi-directional movement, providing enhanced maneuverability when towing. This is especially valuable when navigating tight corners on uneven terrain.

2. WIDE ANGLE PTO AS STANDARD
The PTO can remain engaged during headland turns, provided it is not under load. The rotors are protected by both an overrun clutch and a cam clutch. In the event of an overload, this protection system significantly reduces the need to replace shear bolts, minimizing downtime and maintenance costs.

3. FLOOR DRIVE SHAFT & SPROCKETS
The 6-tooth floor sprocket features a keywayed hub connection to the floor shaft and a bolt-on split sprocket design, enabling quick and easy replacement without removing the shaft. Compared to traditional 5-tooth sprockets, the 6-tooth configuration reduces wear by up to 20%, significantly improving durability while simplifying maintenance procedures.

4. FLOOR CHAINS The hydraulically driven floor is equipped with 2 heavy-duty 32-tonne calibrated 16 mm Grade 80 chains. Individual chain tensioning and a full-width floating floor slat every 5 links ensure a consistent spreading rate while preventing material bridging in the 1550mm wide spreader body.

5. RUBBER CUSHION
The rubber-cushion drive coupling is specifically designed to reduce shock loads between the Augers and the SRT18 one-piece rotor gearbox.

6. 895MM ROTOR
Our 895mm rotors in the 1700mm frame, with five spiral flights of 10mm heat-treated BORON steel and a 195mm rotor tube, ensure superior shredding performance. The larger tube minimises vibration, enhancing efficiency and reliability in operation.

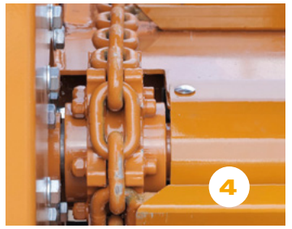
7. ROTOR TIPS
D Series have 60 heat-treated BORON (50mmx12mm) tips fitted on a spreader, we use 2 different tip designs, twisted and straight 30 of each and arranged in a staggered formation to produce a constant rotor load and uniform distribution of shredded material.

8. FLOOR DRIVE GEARBOX
The RT500 Gearbox, fitted on DV125 model, and RT650 on DV145 and above, includes a 65mm floor shaft with a unique 30-spline design to Richard Western spreaders for superior floor shaft to gearbox engagement.





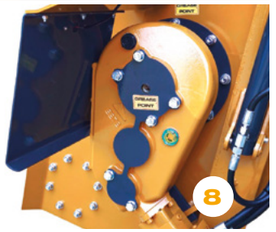












NEW MODEL NAME	DV125		DV145		DV150		DV175	
PREVIOUS MODEL NAME	D4100		D4120 Compact		D4120		D4140	
Heap volume (m^3 / cu ft)	3 / 106		3 / 106		3.6 / 127		3.6 / 127	
Level Fill (m^3 / cu ft)	9.6 / 339		11.5 / 406		11.6 / 410		13.7 / 484	
Internal dimensions and volumes measured with slurry door								
Heaped Fill (m^3 / cu ft) to Slurry Gate (Europe)	12.6	445	14.5	512	15.2	537	17.3	611
Heaped Fill (m^3 / cu ft) to Center of Rotors (UK)	13.8	487	15.9	562	16.5	583	18.8	664
Axle Carrying Capacity (kg)	14,000		17,500		17,500		17,500	
Axle beam (mm / inch)	150x150x15	6x6x19/32"	150x150x16	6x6x 5/8"	150x150x16	6x6x5/8"	150x150x16	6x6x5/8"
Brake size (ØxW, mm / inch)	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"
Standard tyre size	580/70R38		580/70R38		580/70R38		580/70R38	
Rotor Ø (mm / inch)	890mm	35.03"	890mm	35.03"	890mm	35.03"	890mm	35.03"
Floor chains (qty x Ø, mm / inch)	2 x 16mm	2 x 5/8"	2 x 16mm	2 x 5/8"	2 x 16mm	2 x 5/8"	2 x 16mm	2 x 5/8"
Floor driveshaft Ø (mm / inch)	65mm	2 9/16"	65mm	2 9/16"	65mm	2 9/16"	65mm	2 9/16"
Power requirement (hp)	125		150		150		160	
PTO speed (rpm)	1000		1000		1000		1000	
Tare weight (kg)	5,630		5,730		6,120		6,220	
Floor drive torque (Nm)	5000		6500		6500		10000	
DIMENSIONS	**(mm)**	**(in)**	**(mm)**	**(in)**	**(mm)**	**(in)**	**(mm)**	**(in)**
X – Overall length (mm / inch)	7,475	294"	7,475	294"	8,475	334"	8,475	334"
Y* – Overall height (mm / inch)	3,433	135"	3,637	143"	3,433	135"	3,637	143"
Z* – Overall width (mm / inch)	2,995	118"	2,995	118"	2,995	118"	2,995	118"
L – Interior length (mm / inch)	4,700	185"	4,700	185"	5,700	224"	5,700	224"
L_r – Interior length to rotor centre (mm / inch)	5,214	205"	5,270	207"	6,216	245"	6,216	245"
W_B – Interior width at bottom (mm / inch)	1,550	61"	1,550	61"	1,550	61"	1,550	61"
W_T – Interior width at top – loading width (mm / inch)	2,125	84"	2,125	84"	2,125	84"	2,125	84"
H – Interior height (mm / inch)	1,250	49"	1,500	59"	1,250	49"	1,500	59"
H_L* – Loading height (mm / inch)	2,570	101"	2,820	111"	2,570	101"	2,820	111"
X_t – Towing Eye to centre of Axle (mm / inch)	5,124	202"	5,124	202"	5,943	234"	5,943	234"

** Dimension dependent on tyre sizing (580/70R38 shown)*

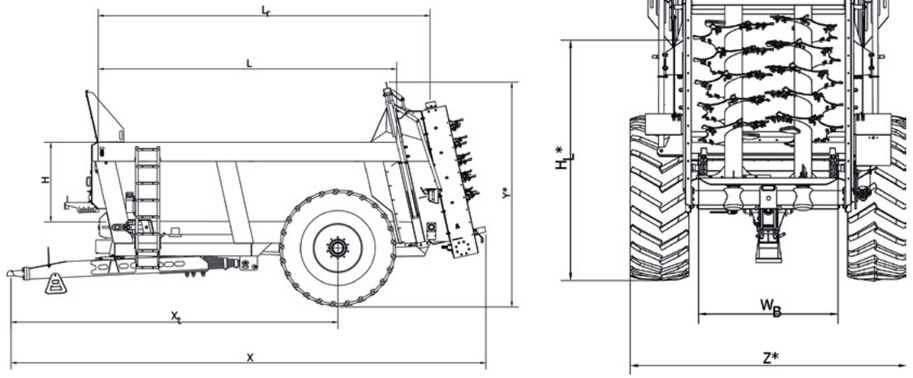
Optional Equipment Delilah DV Range

	Sprung Drawbar	Hydraulic Slurry Door	Lift off Canopy Door	Hydraulic Folding Canopy Door	Hydraulic Floor Tensioning	Mudguards	Weighing equipment with display	Rear Drawbar c/w Hydraulic brakes & electrics	Greedy Boards	Air Brakes	TOPCON ISOBUS Spreader Monitor & variable application control	Griffith Elder Constant application rate control	Electric bed speed control	23.1 - R26 Wheels	580/70R38 Wheels	650/65R38 Wheels	710/70R38 Wheels
MEDIUM CHASSIS																	
DV125	●	●	●	○	●	●	●	●	●	●	●	●	●	○	STD	●	○
DV145	●	●	●	○	●	●	●	●	●	●	●	●	●	○	STD	●	○
LONG CHASSIS																	
DV150	●	●	●	○	●	●	●	●	●	●	●	●	●	○	STD	●	●
DV175	●	●	●	○	●	●	●	●	●	●	●	●	●	○	STD	●	●

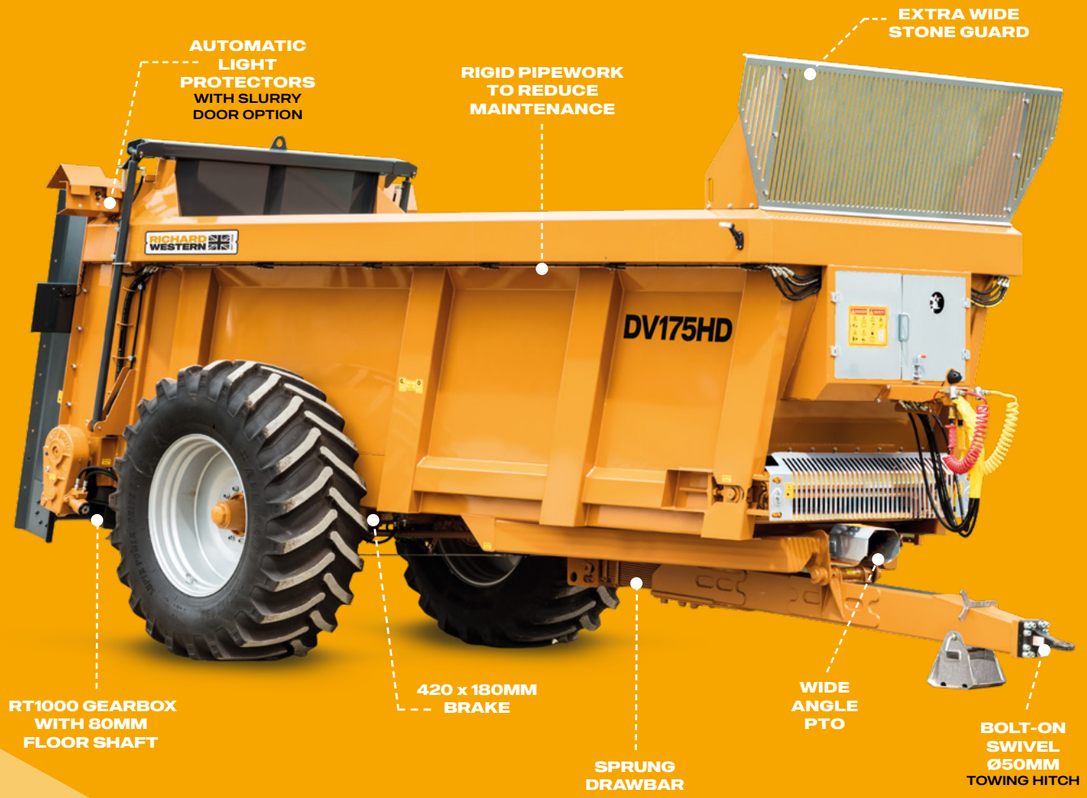
○ Unavailable ● Available STD – Standard for this model

Dimensions & measurements:

Internal dimensions and volumes measured **with slurry door.** Other manufacturers often measure volume up to the rotor center, which can result in different capacity figures.



DELILAH SPREADERS DV HD RANGE



Model shown includes optional equipment at extra cost.

Standard Features For Delilah DV HD Range

1. BOLT-ON SWIVEL Ø50MM TOWING HITCH
The swivel feature allows for multidirectional movement, providing enhanced maneuverability when towing. This is especially valuable when navigating tight corners on uneven terrain.

2. WIDE ANGLE PTO AS STANDARD
The PTO can remain engaged during headland turns, provided it is not under load. The rotors are protected by both an overrun clutch and a cam clutch. In the event of an overload, this protection system significantly reduces the need to replace shear bolts, minimizing downtime and maintenance costs.

3. FLOOR DRIVE SHAFT & SPROCKETS
The 6-tooth floor sprocket features a keywayed hub connection to the floor shaft and a bolt-on split sprocket design, enabling quick and easy replacement without removing the shaft. Compared to traditional 5-tooth sprockets, the 6-tooth configuration reduces wear by up to 20%, significantly improving durability while simplifying maintenance procedures.

4. FLOOR CHAINS
The hydraulically driven floor is equipped with 2 heavy-duty, 50-tonne-calibrated 20 mm Grade 80 chains. Individual chain tensioning and a full-width floating floor slat every 5 links ensure a consistent spreading rate while preventing material bridging in the 1500mm wide spreader body.

5. RUBBER CUSHION
The rubber-cushion drive coupling is specifically designed to reduce shock loads between the Augers and the SRT18 or optional SRT22 one-piece rotor gearbox.

6. 1100MM ROTOR
Our 1100mm balanced rotors in the 2100mm frame, with five spiral flights of 10mm heat-treated BORON steel and a 275 x 10mm rotor tube, ensure superior shredding performance. The larger tube minimises vibration, enhancing efficiency and reliability in operation.

7. ROTOR TIPS
DV175HD has 64 heat-treated BORON 70 x 13mm tips fitted on a spreader. We use 2 tip designs, twisted and straight, 30 of each, and arrange them in a staggered formation to produce a constant rotor load and a uniform distribution of shredded material.

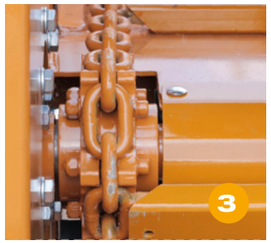
8. FLOOR DRIVE GEARBOX
The RT1000 on DVHD models includes an 80mm floor shaft with a unique 30-spline design to Richard Western spreaders for superior floor shaft to gearbox engagement.





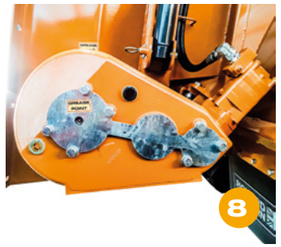






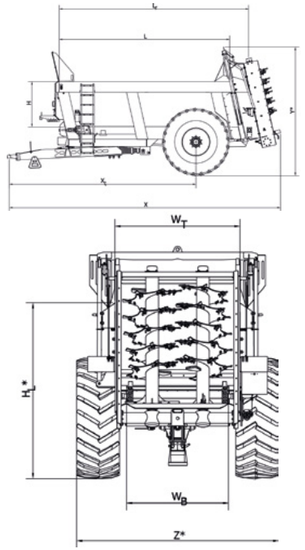






Specification Delilah DV HD Range

NEW MODEL NAME	DV150HD		DV175HD	
PREVIOUS MODEL NAME	D4130		D4150	
Heap volume (m^3 / cu ft)	3.6 / 127		3.6 / 127	
Level Fill (m^3 / cu ft)	11.6 / 410		13.7 / 484	
Internal dimensions and volumes measured with slurry door				
Heaped Fill (m^3 / cu ft) to Slurry Gate (Europe)	15.2	537	17.3	611
Heaped Fill (m^3 / cu ft) to Center of Rotors (UK)	16.6	586	19.1	675
Axle Carrying Capacity (kg)	17,500		17,500	
Axle beam (mm / inch)	150x150x16	6x6x$^5/_8$"	150x150x16	6x6x$^5/_8$"
Brake size (ØxW, mm / inch)	420x180	16.53x7.08"	420x180	16.53x7.08"
Standard tyre size	580/70R38		580/70R38	
Rotor Ø (mm / inch)	1100	43.30"	1100	43.30"
Floor chains (qty x Ø, mm / inch)	2 x 20mm	2 x $^{25}/_{32}$"	2 x 20mm	2 x $^{25}/_{32}$"
Floor driveshaft Ø (mm / inch)	80mm	3 $^5/_{32}$"	80mm	3 $^5/_{32}$"
Power requirement (hp)	170		180	
PTO speed (rpm)	1000		1000	
Tare weight (kg)	6,120		6,500	
Floor drive torque (Nm)	6500		10000	
DIMENSIONS	**(mm)**	**(in)**	**(mm)**	**(in)**
X – Overall length (mm / inch)	8,475	334"	8,475	334"
Y* – Overall height (mm / inch)	3,433	135"	3,637	143"
Z* – Overall width (mm / inch)	2,995	118"	2,995	118"
L – Interior length (mm / inch)	5,700	224"	5,700	224"
L_1 – Interior length to rotor centre (mm / inch)	6,265	247"	6,321	249"
W_B – Interior width at bottom (mm / inch)	1,550	61"	1,550	61"
W_T – Interior width at top – loading width (mm / inch)	2,125	84"	2,125	84"
H – Interior height (mm / inch)	1,250	49"	1,500	59"
H_L* – Loading height (mm / inch)	2,570	101"	2,820	111"
X_1 – Towing Eye to centre of Axle (mm / inch)	5,943	234"	5,943	234"



Dimensions & Measurements:
Internal dimensions and volumes measured **with slurry door.** Other manufacturers often measure volume up to the rotor center, which can result in different capacity figures.

** Dimension dependent on tyre sizing (580/70R38 shown)*



Lift-Off Canopy DV125 – DV175

The lift-off canopy is designed for easy removal and attachment, providing flexibility for different spreading tasks. This option is ideal for those who need to quickly switch between spreading configurations without the use of hydraulic systems.

- **Quick Removal:** Easily detachable for different spreading requirements.
- **Cost-Effective:** Simple and effective solution without the need for hydraulic systems.
- **Efficient Coverage:** Ensures material is directed to the spinners for optimal spreading.



Hydraulic Canopy Doors DV150HD, DV175HD & FBS

Our hydraulic canopy doors provide advanced control and convenience. These doors allow operators to adjust the canopy position hydraulically, offering precision and ease of use in various spreading conditions.

- **Enhanced Control:** Hydraulic operation allows for precise adjustment and control.
- **Ease of Use:** Simplifies the process of opening and closing the canopy.
- **Versatile Application:** Suitable for different types of organic materials, ensuring consistent spreading.

Incorporating canopy options ensures that our muck spreaders meet diverse agricultural needs, providing flexibility, efficiency, and precise application of organic materials.

Optional Equipment Delilah DV HD Range

	Sprung Drawbar	Hydraulic Slurry Door	Lift off Canopy Door	Hydraulic Folding Canopy Door	Hydraulic Floor Tensioning	Mudguards	Weighing equipment with display	Rear Drawbar c/w Hydraulic brakes & electrics	Greedy Boards	Air Brakes	TOPCON ISOBUS Spreader Monitor and variable application control	Griffith Elder Constant application rate control	Electric bed speed control	23.1 - R26 Wheels	580/70R38 Wheels	650/65R38 Wheels	710/70R38 Wheels
DV150HD	STD	●	○	●	●	●	●	●	●	●	●	●	●	○	STD	●	●
DV175HD	STD	●	○	●	●	●	●	●	●	●	●	●	●	○	STD	●	●

○ Unavailable ● Available STD – Standard for this model

DELILAH SPREADERS DS RANGE



Model shown includes optional equipment at extra cost.

Standard Features For Delilah DS Range

1. WIDE-ANGLE PTO AS STANDARD
The PTO can remain engaged during headland turns, provided it is not under load. The rotors are protected by both an overrun clutch and a cam clutch. In the event of an overload, this protection system significantly reduces the need to replace shear bolts, minimizing downtime and maintenance costs.

2. SPRUNG DRAWBAR & SWIVEL TOWING EYE
Our standard 21-ton rated sprung drawbar offers enhanced stability, reduced tractor strain, improved maneuverability, minimized soil compaction, superior traction, and increased safety during muck spreading operations. The swivel feature allows for multi-directional movement, providing enhanced maneuverability when towing. This is especially valuable when navigating tight corners on uneven terrain.

3. WIDE ANGLE PTO
The PTO can remain engaged during headland turns, all thanks to the wide-angle joint. It is important to be aware that the manufacturer discourages turning with the PTO under load.

4. REMOTE GREASING POINTS
Chassis-mounted remote greasing points simplify maintenance, reduce downtime, enhance safety, extend component lifespan, and ensure precise, efficient lubrication.

5. TWIN HORIZONTAL BEATERS
Our muck spreader has twin 610mm beaters, with steel flighting. Horizontal beaters use 72 BORON steel tips. These tips, forged from high-strength BORON steel, offer exceptional durability and longevity. They are intelligently supported along both edges, ensuring material shredding while providing a uniform, consistent feed onto the rotating discs.

6. HEAVY DUTY SPINNING DISCS
Our 1.1-meter-diameter spinning discs, made of 10mm HARDOX, are thoughtfully designed with three versatile, multi-position BORON blades. These features combine to guarantee exceptional durability and adaptability. With the convenience of six different blade angle settings, you can achieve precise control over spread patterns.

7. HORIZONTAL BEATERS CHAIN DRIVE
The horizontal beaters are operated by heavy-duty chains, chosen for their unparalleled ability to withstand wear, fatigue, and, most significantly, sudden shock loads.

8. AUTO CHAIN LUBRICATION
This system efficiently and automatically delivers lubrication to chains, ensuring they remain properly lubricated and reducing wear and friction.

9. FLOOR CHAINS
The hydraulically driven floor is equipped with 2 heavy-duty, 50-tonne-calibrated 20 mm Grade 80 chains. Individual chain tensioning and a full-width floating floor slat every 5 links ensure a consistent spreading rate while preventing material bridging in the 1500mm wide spreader body.

10. FLOOR DRIVE GEARBOX
The RT1000 on DVHD models includes an 80mm floor shaft with a unique 30-spline design to Richard Western spreaders for superior floor shaft to gearbox engagement.

11. HYDRAULIC REAR CANOPY DOOR
The rear canopy can be effortlessly lifted using hydraulic power, allowing the machine to create composting windrows or to simplify maintenance procedures. Prior to initiating any maintenance tasks, it is crucial to make use of the safety props provided.

12. CANOPY LOW COEFFICIENT PLASTIC LINING
The canopy door is fitted with a plastic lining to prevent material from adhering to its surface. This eliminates the material sticking to the hood and falling in large lumps onto the disks.

13. HYDRAULIC SLURRY DOOR
A highly robust design and construction guarantee the door's versatility, allowing it to function as both a tool for grading light materials and as a means of retaining highly fluid products.





Spreading width of up to 24 meters*

Our spreaders are equipped with twin horizontal beaters featuring durable BORON steel tips, ensuring efficient and reliable material distribution. The heavy-duty HARDOX spinning discs, fitted with multi-position Boron blades, provide precise spread control for a wide range of materials.

What sets us apart

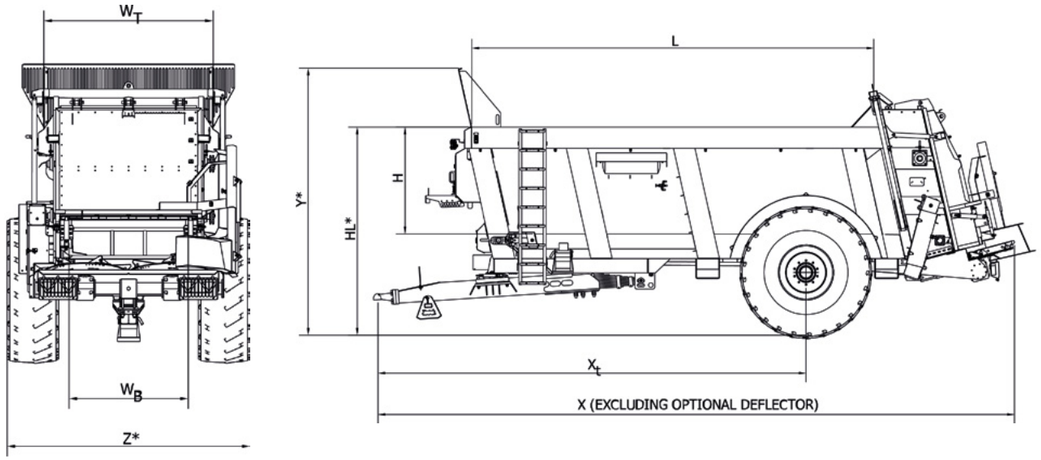
The floor system is designed for optimal performance with floor slats running on a 20mm marine chain (Delilah DS). This chain, driven by a 6-teeth sprocket, features slats positioned every five chain links, delivering material in a 'little and often' manner, this ensures consistent material flow. Smaller multi-position three BORON blades minimizes power requirements and increases fuel economy. By reducing the strain on your tractor, making your operations both **cost-effective and environmentally friendly.**

**Spreading width depends on material density.*

Specification Delilah DS Range

NEW MODEL NAME	DS150HD		DS175HD	
PREVIOUS MODEL NAME	**D5130**		**D5150**	
Chassis size	Long		Long	
Heap volume (m^3 / cu ft)	3.6 / 127		3.6 / 127	
Level Fill (m^3 / cu ft)	11.6 / 410		13.7 / 484	
Internal dimensions and volumes measured with slurry door				
Heaped Fill (m^3 / cu ft) to Slurry Gate (Europe)	15.2	537	17.3	610
Axle Carrying Capacity (kg)	17,500		17,500	
Axle beam (mm / inch)	150x150x16	6x6x5/8"	150x150x16	6x6x5/8"
Brake size (ØxW, mm / inch)	420x180	16.53x7.08"	420x180	16.53x7.08"
Standard tyre size	580/70R38		580/70R38	
Rotor Ø (mm / inch)	1100	43.30"	1100	43.30"
Floor chains (qty x Ø, mm / inch)	2 x 20mm	2 x 25/32"	2 x 20mm	2 x 25/32"
Floor driveshaft Ø (mm / inch)	80mm	3 5/32"	80mm	3 5/32"
Power requirement (hp)	150		180	
PTO speed (rpm)	1000		1000	
Tare weight (kg)	6,750		7,000	
Floor drive torque (Nm)	6500		10000	
DIMENSIONS	**(mm)**	**(in)**	**(mm)**	**(in)**
X – Overall length (mm / inch)	8,475	334"	8,475	334"
Y* – Overall height (mm / inch)	3,433	135"	3,637	143"
Z* – Overall width (mm / inch)	2,995	118"	2,995	118"
L – Interior length (mm / inch)	5,700	224"	5,700	224"
W_B – Interior width at bottom (mm / inch)	1,550	61"	1,550	61"
W_T – Interior width at top – loading width (mm / inch)	2,125	84"	2,125	84"
H – Interior height (mm / inch)	1,250	49"	1,500	59"
H_L* – Loading height (mm / inch)	2,570	101"	2,820	111"
X_t – Towing Eye to centre of Axle (mm / inch)	5,943	234"	5,943	234"

** Dimension dependent on tyre sizing (580/70R38 shown)*



Dimensions & Measurements:
Internal dimensions and volumes measured **with slurry door.** Other manufacturers often measure volume up to the rotor center, which can result in different capacity figures.

Optional Equipment Delilah DS Range

	Sprung Drawbar	Hydraulic Slurry Door	Hydraulic Floor Tensioning	Mudguards	Weighing equipment with display	Rear Drawbar c/w Hydraulic brakes & electrics	Greedy Boards	Air Brakes	TOPCON ISOBUS Spreader Monitor and variable application control	Griffith Elder Constant application rate control	Electric bed speed control	Headland Limiter	580/70R38 Wheels	650/65R38 Wheels	710/70R38 Wheels
LONG CHASSIS															
DS150HD	STD	STD	●	●	●	●	●	●	●	●	●	●	STD	●	●
DS175HD	STD	STD	●	STD	●	●	●	●	●	●	●	●	STD	●	●

○ Unavailable ● Available STD – Standard for this model

FBS VERTICAL BEATERS



Model shown includes optional equipment at extra cost.

Standard Features For FBS Vertical Beaters

1. BOLT-ON SWIVEL Ø50MM TOWING HITCH
The swivel feature allows for multi-directional movement, providing enhanced maneuverability when towing. This is especially valuable when navigating tight corners on uneven terrain.

2. WIDE-ANGLE PTO AS STANDARD
The PTO can remain engaged during headland turns, provided it is not under load. The rotors are protected by both an overrun clutch and a cam clutch. In the event of an overload, this protection system significantly reduces the need to replace shear bolts, minimizing downtime and maintenance costs.

3. FLOOR DRIVE SHAFT & SPROCKETS
The 6-tooth floor sprocket features a keywayed hub connection to the floor shaft and a bolt-on split sprocket design, enabling quick and easy replacement without removing the shaft. Compared to traditional 5-tooth sprockets, the 6-tooth configuration reduces wear by up to 20%, significantly improving durability while simplifying maintenance procedures.

4. FLOOR CHAINS
The hydraulically driven floor is equipped with 4 heavy-duty, 32-tonne-calibrated 16 mm Grade 80 chains. Individual chain tensioning and a full-width floating floor slat every 5 links ensure a consistent spreading rate while preventing material bridging in the 2000mm wide spreader body.

5. RUBBER CUSHION
The rubber-cushion drive coupling is specifically designed to reduce shock loads between the Augers and the SRT18 or optional SRT22 one-piece rotor gearbox.

6. 1100MM ROTOR
Our 1100mm balanced rotors in the 2100mm frame, with five spiral flights of 10mm heat-treated BORON steel and a 275 x 10mm rotor tube, ensure superior shredding performance. The larger tube minimises vibration, enhancing efficiency and reliability in operation.

7. ROTOR TIPS
Vertical Beater FBS has 64 heat-treated BORON 70 x 13mm tips fitted on a spreader. We use 2 tip designs, twisted and straight, 30 of each, and arrange them in a staggered formation to produce a constant rotor load and a uniform distribution of shredded material.

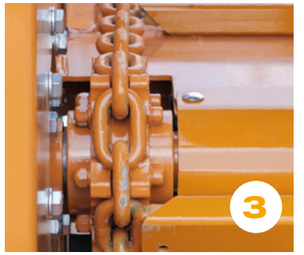
8. FLOOR DRIVE GEARBOX
The RT1000 on DVHD models includes an 80mm floor shaft with a unique 30-spline design to Richard Western spreaders for superior floor shaft to gearbox engagement.





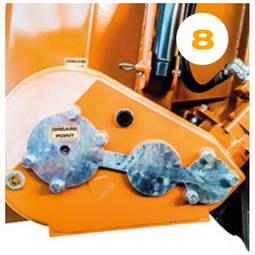












FBS SPINNING DISC



Model shown includes optional equipment at extra cost.

Standard Features For FBS Spinning Disc

1. WIDE-ANGLE PTO AS STANDARD
The PTO can remain engaged during headland turns, provided it is not under load. The rotors are protected by both an overrun clutch and a cam clutch. In the event of an overload, this protection system significantly reduces the need to replace shear bolts, minimizing downtime and maintenance costs.

2. SPRUNG DRAWBAR & SWIVEL TOWING EYE
Our standard 21-ton rated sprung drawbar offers enhanced stability, reduced tractor strain, improved maneuverability, minimized soil compaction, superior traction, and increased safety during muck spreading operations. The swivel feature allows for multi-directional movement, providing enhanced maneuverability when towing. This is especially valuable when navigating tight corners on uneven terrain.

3. WIDE ANGLE PTO
The PTO can remain engaged during headland turns, all thanks to the wide-angle joint. It is important to be aware that the manufacturer discourages turning with the PTO under load.

4. REMOTE GREASING POINTS
Chassis-mounted remote greasing points simplify maintenance, reduce downtime, enhance safety, extend component lifespan, and ensure precise, efficient lubrication.

5. TWIN HORIZONTAL BEATERS
Our muck spreader has twin 610mm beaters, with steel flighting. Horizontal beaters use 84 BORON steel tips. These tips, forged from high-strength BORON steel, offer exceptional durability and longevity. They are intelligently supported along both edges, ensuring material shredding while providing a uniform, consistent feed onto the rotating discs.

6. HEAVY DUTY SPINNING DISCS
Our 1.1-meter-diameter spinning discs, made of 10 mm HARDOX, are thoughtfully designed with three versatile, multi-position BORON blades. These features combine to guarantee exceptional durability and adaptability. With the convenience of six different blade angle settings, you can achieve precise control over spread patterns.

7. HORIZONTAL BEATERS CHAIN DRIVE
The horizontal beaters are operated by heavy-duty chains, chosen for their unparalleled ability to withstand wear, fatigue, and, most significantly, sudden shock loads.

8. AUTO CHAIN LUBRICATION
This system efficiently and automatically delivers lubrication to chains, ensuring they remain properly lubricated and reducing wear and friction.

9. FLOOR CHAINS
The hydraulically driven floor is equipped with 4 heavy-duty, 32-tonne-calibrated 16 mm Grade 80 chains. Individual chain tensioning and a full-width floating floor slat every 5 links ensure a consistent spreading rate while preventing material bridging in the 2000mm wide spreader body.

10. FLOOR DRIVE GEARBOX
The RT1000 on DVHD models includes an 80mm floor shaft with a unique 30-spline design to Richard Western spreaders for superior floor shaft to gearbox engagement.

11. HYDRAULIC REAR CANOPY DOOR
The rear canopy can be effortlessly lifted using hydraulic power, allowing the machine to create composting windrows or to simplify maintenance procedures. Prior to initiating any maintenance tasks, it is crucial to make use of the safety props provided.

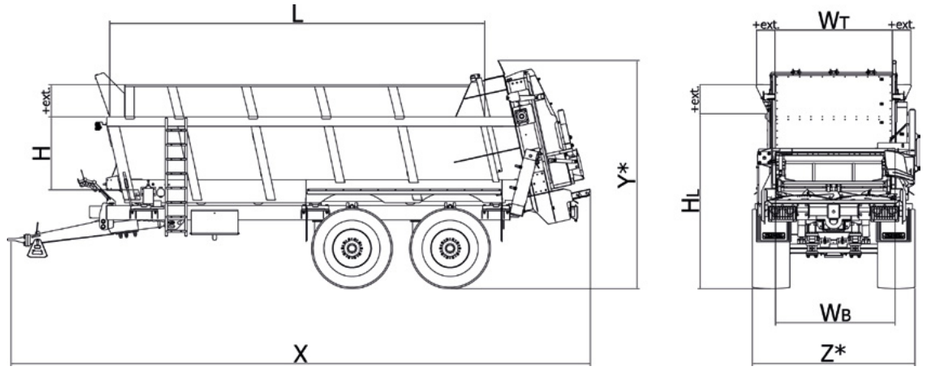
12. CANOPY LOW COEFFICIENT PLASTIC LINING
The canopy door is fitted with a plastic lining to prevent material from adhering to its surface. This eliminates the material sticking to the hood and falling in large lumps onto the disks.

13. HYDRAULIC SLURRY DOOR
A highly robust design and construction guarantee the door's versatility, allowing it to function as both a tool for grading light materials and as a means of retaining highly fluid products.

Specification FBS Range

MODEL NAME	FBS16 VB		FBS18 VB		FBS16 SD		FBS18 SD	
Heap volume (m³ / cu ft)	4.9 / 173		5.8 / 205		4.9 / 173		5.8 / 205	
Level Fill with extensions (m³ / cu ft)	6.6 / 233		7.8 / 275		6.6 / 233		7.8 / 275	
Level Fill (m³ / cu ft)	12.2 / 431		14.4 / 509		12.2 / 431		14.4 / 509	
Internal dimensions and volumes measured with slurry door								
Heaped Fill (m³ / cu ft) to Slurry Gate (Europe)	15.8	558	18.6	657	15.8	558	18.6	657
Heaped Fill with extensions (m³ / cu ft)	23.7	837	28	989	23.7	837	28	989
Axles Carrying Capacity (kg)	25,000		25,000		25,000		25,000	
Axle beam (mm / inch)	150x150x15	6x6x19/32"	150x150x15	6x6x19/32"	150x150x15	6x6x19/32"	150x150x15	6x6x19/32"
Brake size (ØxW, mm / inch)	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"
Standard tyre size	560/60R22.5		650/55R26.5 (178D)		560/60R22.5		650/55R26.5 (178D)	
Rotor Ø (mm / inch)	1100	43.30"	1100	43.30"	1100	43.30"	1100	43.30"
Floor chains (qty x Ø, mm / inch)	4 x 16mm	4 x 5/8"	4 x 16mm	4 x 5/8"	4 x 16mm	4 x 5/8"	4 x 16mm	4 x 5/8"
Floor driveshaft Ø (mm / inch)	80mm	3 5/32"	80mm	3 5/32"	80mm	3 5/32"	80mm	3 5/32"
Power requirement (hp)	220		250		220		250	
PTO speed (rpm)	1000		1000		1000		1000	
Tare weight (kg)	9,600		10,800		9,600		10,800	
Floor drive torque (Nm)	10000		10000		10000		10000	
DIMENSIONS	**(mm)**	**(in)**	**(mm)**	**(in)**	**(mm)**	**(in)**	**(mm)**	**(in)**
X – Overall length (mm / inch)	9,150	360"	9,150	360"	9,150	360"	9,150	360"
Y* – Overall height (mm / inch)	3,500	138"	3,500	138"	3,500	138"	3,500	138"
Z* – Overall width (mm / inch)	2,600	102"	2,600	102"	2,600	102"	2,600	102"
L – Interior length (mm / inch)	5,340	210"	5,340	210"	5,340	210"	5,340	210"
W_B – Interior width at bottom (mm / inch)	2,000	79"	2,000	79"	2,000	79"	2,000	79"
W_T – Interior width at top - loading width (std/ ext, mm / inch)	2,000 / 2,650	79" / 104"	2,000 / 2,650	79" / 104"	2,000 / 2,650	79" / 104"	2,000 / 2,650	79" / 104"
H – Interior height (mm / inch)	1,090 / 1,650	43" / 65"	1,090 / 1,650	43" / 65"	1,090 / 1,650	43" / 65"	1,090 / 1,650	43" / 65"
H_L* – Loading height (mm / inch)	2,660 / 3,060	105" / 120"	2,660 / 3,060	105" / 120"	2,660 / 3,060	105" / 120"	2,660 / 3,060	105" / 120"

** Dimension dependent on tyre sizing (560/60R22.5 shown)*



Dimensions & Measurements:
Internal dimensions and volumes measured **with slurry door**. Other manufacturers often measure volume up to the rotor center, which can result in different capacity figures.

Optional Equipment FBS Range

	Sprung Drawbar	Hydraulic Drawbar	Hydraulic Slurry Door	Hydraulic Folding Canopy Door	Hydraulic Floor Tensioning	Mudguards	Weighing equipment with display	Rear Drawbar c/w Hydraulic brakes & electrics	Greedy Boards	Dual Air & Hydraulic Brakes	TOPCON ISOBUS Spreader Monitor and variable application control	Griffith Elder Constant application rate control	Hydraulic Suspension with front lift axle	Electric bed speed control	560/60R22.5 165D Wheels	650/55R26.5 178D Wheels
VERTICAL BEATERS																
FBS16 VB	STD	●	●	●	●	STD	●	●	●	●	●	●	●	●	STD	●
FBS18 VB	STD	●	●	●	●	STD	●	●	●	●	●	●	●	●	○	STD
HORIZONTAL BEATERS																
FBS16 SD	STD	●	●	●	●	STD	●	●	●	●	●	●	●	●	STD	●
FBS18 SD	STD	●	●	●	●	STD	●	●	●	●	●	●	●	●	○	STD

○ Unavailable ● Available STD – Standard for this model

SDS RANGE

SDS SINGLE AXLE



SDS TANDEM AXLE



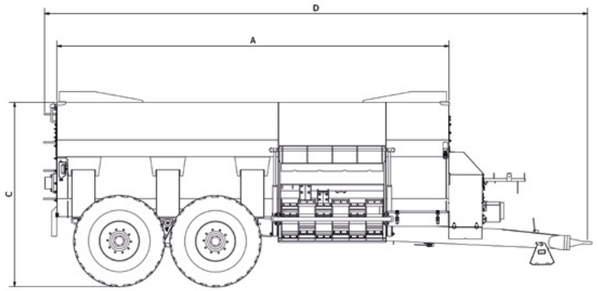
Model shown includes optional equipment at extra cost.

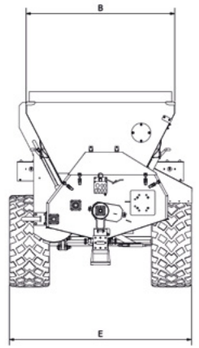


Standard Features For SDS Range

1. **BOLT-ON SWIVEL Ø50MM TOWING HITCH**
   Designed for strength and reliability, the bolt-on fixed eye Ø50mm hitch ensures a secure connection to the tractor, suitable for heavy-duty towing requirements.
2. **3-STAGE REDUCTION GEARING**
   A robust 3-stage reduction gearbox ensures the perfect torque and speed reduction to drive the spreading rotor and main auger efficiently, even with heavy loads.
3. **CENTRAL AUGER WITH SPRING STEEL PADDLES**
   The heavy-duty central auger prevents material bridging and ensures constant flow. It features spring steel discharge paddles and reversible bolt-on face plates for extended wear life.
4. **SPRING STEEL DISCHARGE PADDLES**
   Located at the discharge point, these flexible spring steel paddles ensure a consistent feed of material onto the rotor. Their flexible design helps prevent blockages and maintains a smooth flow of heavy or uneven material.
5. **HYDRAULIC GUILLOTINE SIDE DOOR**
   The double-acting hydraulic door gives precise control over application rates, allowing the operator to infinitely adjust the discharge opening directly from the cab.
6. **HYDRAULIC STONE TRAP**
   Located beneath the rotor, the stone trap captures foreign objects to protect the spreading mechanism. It can be hydraulically emptied from the tractor seat for ease of operation.
7. **HEAVY DUTY DRIVE COUPLING**
   The driveline features a robust universal joint coupling. This heavy-duty connection ensures smooth power transmission from the gearbox to the spreading mechanism, absorbing torque loads and maintaining reliability under pressure.
8. **SPREADING ROTOR**
   The 1.5m spreading Rotor mounted on the machine right hand side can throw material up to 16m.
9. **REVERSIBLE ROTOR PLATES**
   To extend service life and reduce maintenance costs, the spreading rotor is fitted with bolt-on, reversible face plates. Once worn on one side, they can simply be turned around to double their lifespan.
10. **HYDRAULIC AUGER DRIVE (OPTIONAL)**
    Ideal for sand slurry lagoons, this option replaces the mechanical chain drive with dual 10,000 Nm hydraulic motors to power the internal auger. This allows independent control to keep semi-solids suspended in the liquid.

MODEL NAME	SDS16		SDS20		SDS24	
US MODEL NAME	N/A		N/A		N/A	
Level Fill (Lt / US gallons)	7264 / 1900		9080 / 2400		10896 / 2900	
Number of Axles	1		1		1	
Axle Carrying Capacity (kg)	15,700		15,700		15,700	
Axle beam (mm / inch)	150x150x15	6x6x19/32"	150x150x15	6x6x19/32"	150x150x15	6x6x19/32"
Axle Track (mm / inch)	2000	80"	2000	80"	2000	80"
Brake size (ØxW, mm / inch)	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"
Standard tyre size	23.1-26		23.1-26		580/70R38	
PTO speed (rpm)	540		540		540	
Tare weight (kg)	4,500		5,125		5,750	
DIMENSIONS	**(mm)**	**(in)**	**(mm)**	**(in)**	**(mm)**	**(in)**
A – Body length (mm / inch)	3,730	147"	4,550	179"	5,550	219"
B – Body width (mm / inch)	2,100	83"	2,100	83"	2,100	83"
C* – Loading height (mm / inch)	2,450	96"	2,450	96"	2,530	100"
D – Overall length (mm / inch)	5,950	234"	6,750	266"	7,740	305"
E – Overall width (mm / inch)	2,600	102"	2,600	102"	2,760	109"





MODEL NAME	SDS24T		SDS30T		SDS36T	
US MODEL NAME	SDS29T		SDS36T		SDS43T	
Level Fill (Lt / US gallons)	10896 / 2900		13620 / 3600		16363 / 4300	
Number of Axles	2		2		2	
Axle Carrying Capacity (kg)	25,000		25,000		25,000	
Axle beam (mm / inch)	150x150x15	6x6x19/32"	150x150x15	6x6x19/32"	150x150x15	6x6x19/32"
Axle Track (mm / inch)	2000	80"	2000	80"	2000	80"
Brake size (ØxW, mm / inch)	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"
Standard tyre size	560/60R22.5		560/60R22.5		560/60R22.5	
PTO speed (rpm)	540		540		540	
Tare weight (kg)	6,250		6,900		7,100	
DIMENSIONS	**(mm)**	**(in)**	**(mm)**	**(in)**	**(mm)**	**(in)**
A – Body length (mm / inch)	5,550	219"	5,550	219"	5,550	219"
B – Body width (mm / inch)	2,100	83"	2,100	83"	2,100	83"
C* – Loading height (mm / inch)	2,520	99"	2,750	108"	2,970	117"
D – Overall length (mm / inch)	7,740	305"	7,740	305"	7,740	305"
E – Overall width (mm / inch)	2,590	102"	2,590	102"	2,590	102"

Optional Equipment SDS Range

	Winde Angle PTO	Mudguards	Rear Drawbar c/w Hydraulic brakes & electrics	Air Brakes	Power Flow Auger (Anti-bridging)	LED Flashing Beacon	23.1 – R26 Wheels	580/70R38 Wheels	650/65R38 Wheels	710/70R38 Wheels	560/60R22.5 Wheels BKT Riemax FI693M 165D	600/55R26.5 Wheels BKT Ridemax FI693M 177D	650/55R26.5 Wheels BKT Ridemax 178D
SINGLE AXLE SDS MANURE SPREADERS													
SDS16	●	●	●	●	●	●	STD	○	○	○	○	○	○
SDS20	●	●	●	●	●	●	STD	●	●	●	○	○	○
SDS24	●	●	●	●	●	●	○	STD	●	●	○	○	○
TANDEM AXLE SDS MANURE SPREADERS													
SDS24T	●	●	●	●	●	●					STD	●	●
SDS30T	●	●	●	●	●	●	○	○	○	○	STD	●	●
SDS36T	●	●	●	●	●	●	○	○	○	○	STD	●	●

○ Unavailable ● Available STD – Standard for this model



High Spreading Output for Sloppy Materials

Designed to handle semi-solids, sludges and slurries, and lagoon sand, the SDS range has a large capacity spreading rotor giving you a higher spreading output. The heavy duty central auger with aggressive spaced paddles prevents load bridging and ensures a constant flow of material to the spreading rotor.



Standard Version

A rugged chain drive is used to power the large diameter spreading rotor and the hydraulically operated guillotine type side door allows you to control application rates. The SDS has a 1.5 metre wide spreading rotor which gives a high throughput rates.

Option of Hydraulic Version

Two high torque hydraulic motors are used to drive the internal floor auger, giving smooth variable speed control and reverse for difficult materials. This option is best suited to slurry lagoons and sand laden material, as the hydraulic auger drive helps keep semi solids suspended and moving without the need to engage the PTO. A hydraulically operated guillotine side door allows accurate control of application rates from the tractor seat.





WARRANTY

Richard Western Ltd manufactured equipment carries a three year warranty from date of delivery. Any defect that applies to workmanship of Richard Western Ltd will be repaired on site wherever possible, free of charge. If it is necessary for the machine to be returned to the factory the transport costs will be charged to the customer. This warranty excludes all wearing parts and paintwork. Parts that are not manufactured by Richard Western Ltd are covered by the manufacturers guarantee and are subject to their warranty. Their findings will be binding.

All dimensions and specifications quoted in this list are for guidance only. In line with our policy of continuous improvements, we reserve the right to amend specifications without prior notice or obligation to existing equipment.





RICHARD WESTERN EST 1968

Richard Western Ltd D`Urbans,
Framlingham, Suffolk, IP13 9RP

CALL +44 (0)1728 723224

WWW.RICHARDWESTERN.COM

Find us on

Dealer:

RW V1