



DELILAH MANURE SPREADER DV SERIES

A HEAVY DUTY DESIGN FOR
HIGH PERFORMANCE

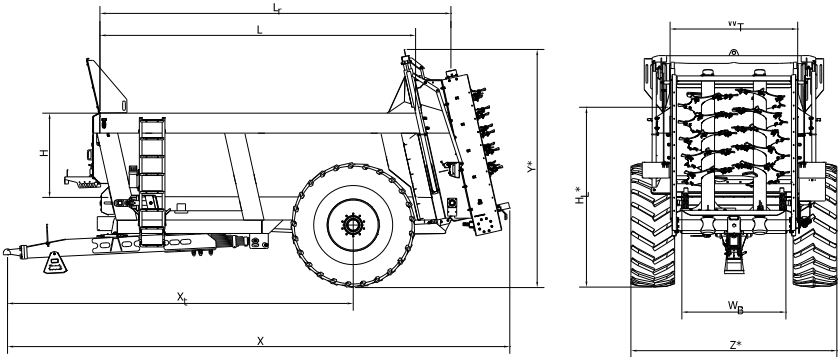
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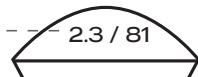
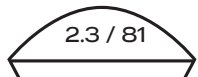
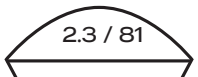
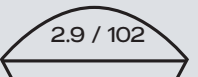
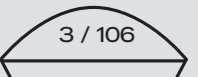
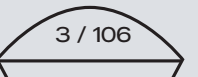
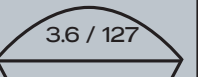
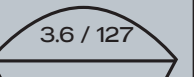
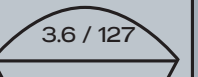
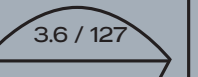
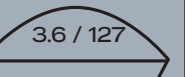
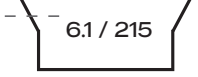
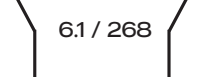

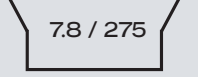
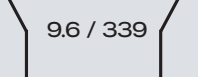
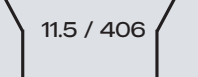
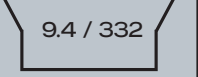
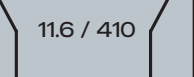
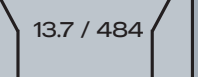
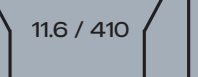
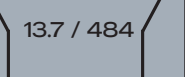
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Delilah DV Series Specification



New Model Name	DV080		DV100		DV120		DV110		DV125		DV145		DV130		DV150		DV175		DV150HD		DV175HD	
Previous Model Name			D4080		D4100 COMPACT		D4095		D4100		D4120 Compact				D4120		D4140		D4130		D4150	
Chassis Size	Short		Short		Short		Medium		Medium		Medium		Long		Long		Long		Long HD		Long HD	
Heap volume (m3 / cu ft)																						
Level fill (m3 / cu ft)																						
Internal dimensions and volumes measured with slurry door																						
Heaped fill (m3 / cu ft) to slurry gate (Europe)	8.4	297	9.9	350	12.1	427	10.7	378	12.6	445	14.5	512	13.0	459	15.2	537	17.3	611	15.2	537	17.3	611
Heaped fill (m3 / cu ft) to centre of Rotors (UK)	9.7	343	11.5	406	14.1	498	11.3	399	13.8	487	15.9	562	14.1	498	16.5	583	18.8	664	16.6	586	19.1	675
Axle Carrying capacity (kg)	14,000		14,000		14,000		14,000		14,000		16,200		16,200		16,200		16,200		16,200		16,200	
Axle beam (mm / inch)	150x150x15	6x6x ¹⁹ / ₃₂ "	150x150x15	6x6x ¹⁹ / ₃₂ "	150x150x15	6x6x ¹⁹ / ₃₂ "	150x150x15	6x6x ¹⁹ / ₃₂ "	150x150x15	6x6x ¹⁹ / ₃₂ "	150x150x16	6x6x ⁵ / ₈ "	150x150x16	6x6x ⁵ / ₈ "	150x150x16	6x6x ⁵ / ₈ "	150x150x16	6x6x ⁵ / ₈ "	150x150x16	6x6x ⁵ / ₈ "	150x150x16	6x6x ⁵ / ₈ "
Brake size (ØxW, mm / inch)	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"	420x180	16.53x7.08"	420x220	16.53x8.66"	420x220	16.53x8.66"	420x220	16.53x8.66"	420x220	16.53x8.66"	420x220	16.53x8.66"	420x220	16.53x8.66"
Standard tyre size	23.1x26		23.1x26		580/70R38		23.1x26		580/70R38		580/70R38		580/70R38		580/70R38		580/70R38		580/70R38		580/70R38	
Rotor Ø (mm / inch)	890	35.03"	890	35.03"	890	35.03"	890	35.03"	890	35.03"	890	35.03"	890	35.03"	890	35.03"	890	35.03"	1100	43.30"	1100	43.30"
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 "	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 "	2 x 16mm	2 x ⁵ / ₈ "	2 x 20mm	2 x ⁵ / ₈ "	2 x 20mm	2 x ⁵ / ₈ "
Floor driveshaft Ø (mm / inch)	65	2 ⁹ / ₁₆	65	2 ⁹ / ₁₆	65	2 ⁹ / ₁₆	65	2 ⁹ / ₁₆	65	2 ⁹ / ₁₆	65	2 ⁹ / ₁₆	65	2 ⁹ / ₁₆	65	2 ⁹ / ₁₆	65	2 ⁹ / ₁₆	80	3 ⁵ / ₃₂	80	3 ⁵ / ₃₂
Power requirement (hp)	80		95		125		105		125		150		150		150		160		170		180	
PTO speed (rpm)	1000		1000		1000		1000		1000		1000		1000		1000		1000		1000		1000	
Tare weight (kg)	4,895		4,895		4,995		5,530		5,630		5,730		6,120		6,120		6,220		6,120		6,500	
Floor drive torque (Nm)	5000		5000		5000		5000		5000		6500		6500		6500		10000		6500		10000	
DIMENSIONS	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
X, Overall length (mm / inch)	6,430	253"	6,430	253"	6,430	253"	7,475	294"	7,475	294"	7,475	294"	8,475	334"	8,475	334"	8,475	334"	8,475	334"	8,475	334"
Y*, Overall height (mm / inch)	3,313	130"	3,313	130"	3,433	135"	3,020	119"	3,433	135"	3,637	143"	3,020	119"	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"	2,995	118"	2,995	118"	2,995	118"	2,995	118"	2,995	118"	2,995	118"	2,995	118"
L, Interior length (mm / inch)	3,700	146"	3,700	146"	3,700	146"	4,700	185"	4,700	185"	4,700	185"	5,700	224"	5,700	224"	5,700	224"	5,700	224"	5,700	224"
L _r , Interior length to rotor centre (mm / inch)	4,324	170"	4,271	168"	4,271	168"	5,267	207"	5,214	205"	5,270	207"	6,163	243"	6,216	245"	6,216	245"	6,265	247"	6,321	249"
W _B , Interior width at bottom (mm / inch)	1,550	61"	1,550	61"	1,550	61"	1,550	61"	1,550	61"	1,550	61"	1,550	61"	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"	2,125	84"	2,125	84"	2,125	84"	2,125	84"	2,125	84"	2,125	84"	2,125	84"
H, Interior height (mm / inch)	1,000	39"	1,250	49"	1,500	59"	1,000	39"	1,250	49"	1,500	59"	1,000	39"	1,250	49"	1,500	59"	1,250	49"	1,500	59"
H _L *, Loading height (mm / inch)	2,200	87"	2,450	96"	2,820	111"	2,200	87"	2,570	101"	2,820	111"	2,320	91"	2,570	101"	2,820	111"	2,570	101"	2,820	111"
X _L Towing Eye to centre of Axle (mm / inch)	4,280	169"	4,280	169"	4,280	169"	5,124	202"	5,124	202"	5,124	202"	5,943	234"	5,943	234"	5,943	234"	5,943	234"	5,943	234"

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

Delilah Manure Spreader DV Series

Delilah Vertical Beater manure Spreaders

The DV series models are constructed with 6mm floor panels and 4mm side panels. The floor is hydraulically driven with two chains and a single floor slat. 16mm floor chains are used up to and including DV175 with 65mm rear floor shaft. 20mm floor chains and larger slats on the HD machines with 80mm rear floor shaft. The body is 1550mm wide with a flared top to create a wider top area for easy loading and less spillage. Rotors are 890mm diameter on the DV175 and below 1100mm diameter on the HD Models. With large diameter rotors and a high tip speed the Delilah DV series spreaders offer wide spreading width and excellent shredding on a wide range of manures, composts, and sludges.

Optional Equipment:

- Lift off canopy (models DV080 - DV175)
- Hydraulic slurry door
- Sprung drawbar
- Rear drawbar c/w hydraulic brakes & electrics
- Mudguards
- Hydraulic floor tensioning
- Air brakes
- Weighing equipment with display mounted on spreader, 4 weigh cells

Standard Features For Delilah Spreaders



Heavy duty floor chain tensioning



Extra wide stone guard on headboard



Hydraulic services carried in rigid pipework to reduce maintenance



2 heavy-duty floor chains with individual tensioning, 16mm or 20mm, floor slats every 5 links



Made out of heat treated BORON 10mm steel continuous spiral rotors for maximum shredding and spreading, choice of 890mm or 1100mm rotors



65mm or 80mm floor drive shaft with 7 tooth self-cleaning sprockets



17m or 20m wide rotor spreading deck depending on model



Disc rotor base with three blades on 1100mm rotors



High tip speed give you wide spreading width and excellent shredding on a range of manure, composts and sludges. Tips are made out of heat treated BORON Steel to increase service life and strength.



Hydraulic brakes & handbrake



Automatic light protectors with slurry door option

