Technical sheet :

MT 735 75D ST5





MT 735 750 ST5 Created on November 24, 2024 at 12:07 AM UTC

Capacities	M	letric
Max. capacity		00 kg
Max. lifting height		90 m
Max. nutreach		4 m
Breakout force with bucket		i0 daN
Weight and dimensions		o dan
Overall length to carriage	l11 4.:	70 m
Length to face of forks		78 m
		98 m
Overall length (with forks) Overall width		27 m
		48 m
Overall height		
Wheelbase		80 m
Ground clearance		42 m
Overall cab width		95 m
Tilt-up angle		13 °
Tilt-down angle		14 °
External turning radius		78 m
External turning radius (over tyres)		78 m
Unladen weight (with forks)		30 kg
Unladen weight		10 kg
Overall weight		30 kg
Tires type		umatic
Standard tires		/80 - 24 -162A8
Forks length / width / section	l/e/s 1200 mm x 10	00 mm x 50 mm
Performances		
Lifting		90 s
Lowering	4.	20 s
Extension	12	.30 s
Retraction	4.	70 s
Crowd	3.	50 s
Dump	3.	60 s
Engine		
Engine brand	D	eutz
Engine norm	Stage V /	Tier 4 Final
Engine model	DOT	0 3.6 L
Number of cylinders / Capacity of cylinders	4 - 29	924 cm ³
I.C. Engine power rating - Power	75 Hp /	55.40 kW
Max. torque / Engine rotation	375 Nm (@ 1400 rpm
Drawbar pull (Laden)	722	.0 daN
HVO validated (according to EN 15940 standard)	, in the second s	Yes
Electric circuit		
12V Battery capacity	11	0 Ah
Transmission		
Transmission type	Torque	converter
Number of gears (forward / reverse)	4	/ 4
Max. travel speed		0 km/h
Parking brake		parking brake
Service brake		servo brake
Hydraulics		
Hydraulic pump type	Avia	l piston
Hydraulic flow / Pressure		iin-260 bar
Tank capacities		
Engine oil		.50 I
Engine on Hydraulic oil		29
Fuel tank		
		03 I
Noise and vibration		
Noise at driving position (LpA)		7 dB
Noise to environment (LwA)		04 dB
Vibration on hands/arms	< 2.5	50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2/2
Drive wheels (front / rear)	2	2/2
Safety / Safety cab homologation Controls	Standard EN 15000 / C	Cabin ROPS - FOPS level 2

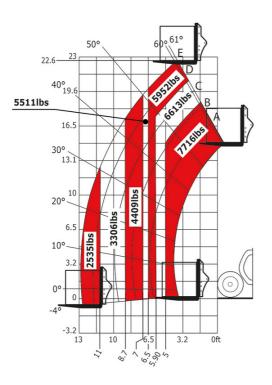
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MT 735 75D ST5 - Dimensional drawing



MT 735 75D ST5 - Load chart

Machine on tires with forks Metric





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