Technical sheet:

# MT 935 75D ST5

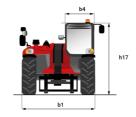


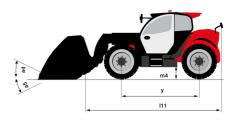


Capacities	Metric	
Max. capacity	3500 kg	
Max. lifting height	9 m	
Maximum outreach	6.40 m	
Breakout force with bucket	7180 daN	
Weight and dimensions		
Overall length to carriage	l11 4.70 m	
Length to face of forks	l2 4.78 m	
Overall length (with forks)	l1 5.98 m	
Overall width	b1 2.27 m	
Overall height	h17 2.48 m	
Wheelbase	y 2.80 m	
Ground clearance	m4 0.42 m	
Overall cab width	b4 0.95 m	
Tilt-up angle	a4 13 °	
Tilt-down angle	a5 114°	
External turning radius	Wa3 3.77 m	
External turning radius (over tyres)	Wa1 3.78 m	
Unladen weight (with forks)	7480 kg	
Overall weight	7480 kg	
Tires type	Inflatable	
Standard tires	Alliance 400/80 - 24 - 162A8	
	1 / e / s 1200 mm x 100 mm x 50 mm	
Forks length / width / section Performances	17 e 7 s 1200 mm x 100 mm x 50 mm	
	7.00	
Lifting	7.20 s	
Lowering	4.70 s	
Extension	11 s	
Retraction	7 s	
Crowd	3 s	
Dump	3.40 s	
Engine		
Engine brand	Deutz	
Engine norm	Stage V / Tier 4 Final	
Engine model	TCD 2.9I 2501-7118	
Number of cylinders / Capacity of cylinders	4 - 2924 cm³	
Engine power (Hp/kW)	75 Hp / 55.40 kW	
Max. torque / Engine rotation	375 Nm @ 1400 rpm	
Drawbar pull (Laden)	7220 daN	
HVO validated (according to EN 15940 standard)	Yes	
Electric circuit		
12V Battery capacity	110 Ah	
Transmission		
Transmission type	Torque converter	
Number of gears (forward / reverse)	4/4	
Max. travel speed	24.70 km/h	
Max. travel speed (may vary according to applicable regulations)	24.90 km/h	
Parking brake	Automatic parking brake	
Service brake	Hydraulic servo brake	
Hydraulics	Hydraulio ocirio siano	
Hydraulic pump type	Axial piston	
Hydraulic flow / Pressure	110 l/min-270 bar	
	110 I/IIIIII-270 Dai	
Tank capacities	0.501	
Engine oil	8.50	
Hydraulic oil	145	
Fuel	103 l	
Noise and vibration		
Noise at driving position (LpA)	77 dB	
Noise to environment (LwA)	104 dB	
Vibration on hands/arms	< 2.50 m/s²	
Miscellaneous		
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2/2	
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS I	evel 2
Controls	JSM	

## MT 935 75D ST5 - Dimensional drawing

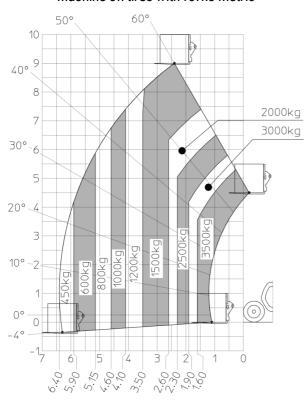






### MT 935 75D ST5 - Load chart

#### Machine on tires with forks Metric







#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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