Technical sheet :

MT 1840 ST5

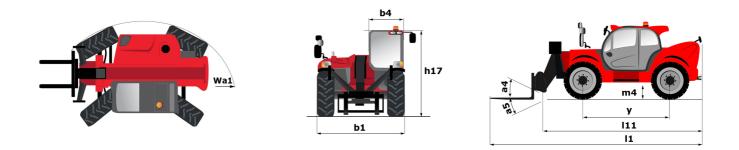




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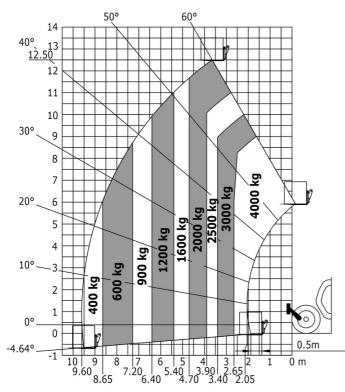
Capacities Max. capacity Max. lifting height Maximum outreach Breakout force with bucket Weight and dimensions Overall length to carriage Length to face of forks Overall width Overall height Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks) Overall weight Tires type Standard tires Forks length / width / section Performances	111 12 b1 h17 y m4 b4 a4 a5 Wa1	Metric 4000 kg 17.55 m 13.08 m 7766 daN 6.15 m 6.27 m 2.36 m 2.45 m 3.07 m 0.37 m 0.89 m 16° 110° 3.94 m 11870 kg Inflatable Alliance 400/80 - 24 - 162A8
Max. lifting height Maximum outreach Breakout force with bucket Weight and dimensions Overall length to carriage Length to face of forks Overall width Overall height Wheelbase Ground clearance Overall cab width Tilt-down angle External tuming radius (over tyres) Unladen weight (with forks) Overall weight Tires type Standard tires Forks length / width / section	12 b1 h17 y m4 b4 a4 a5 Wa1	17.55 m 13.08 m 7766 daN 6.15 m 6.27 m 2.36 m 2.45 m 3.07 m 0.37 m 0.89 m 16 ° 110 ° 3.94 m 11870 kg 11870 kg Inflatable
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Length to face of forks Overall width Overall height Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External tuming radius (over tyres) Unladen weight (with forks) Overall weight Tires type Standard tires Forks length / width / section	12 b1 h17 y m4 b4 a4 a5 Wa1	6.27 m 2.36 m 2.45 m 3.07 m 0.37 m 0.89 m 16 ° 110 ° 3.94 m 11870 kg 11870 kg I1870 kg Inflatable
Overall widthOverall heightWheelbaseGround clearanceOverall cab widthTilt-up angleTilt-down angleExternal turning radius (over tyres)Unladen weight (with forks)Overall weightTires typeStandard tiresForks length / width / section	b1 h17 y m4 b4 a4 a5 Wa1	2.36 m 2.45 m 3.07 m 0.37 m 0.89 m 16 ° 110 ° 3.94 m 11870 kg 11870 kg 11870 kg Inflatable
Overall heightWheelbaseGround clearanceOverall cab widthTilt-up angleTilt-down angleExternal tuming radius (over tyres)Unladen weight (with forks)Overall weightTires typeStandard tiresForks length / width / section	h17 y m4 b4 a4 a5 Wa1	2.45 m 3.07 m 0.37 m 0.89 m 16 ° 110 ° 3.94 m 11870 kg 11870 kg Inflatable
Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks) Overall weight Tires type Standard tires Forks length / width / section	y m4 b4 a4 a5 Wa1	3.07 m 0.37 m 0.89 m 16 ° 110 ° 3.94 m 11870 kg 11870 kg Inflatable
Ground clearance Overall cab width Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks) Overall weight Tires type Standard tires Forks length / width / section	m4 b4 a4 a5 Wa1	0.37 m 0.89 m 16 ° 110 ° 3.94 m 11870 kg 11870 kg Inflatable
Overall cab width Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks) Overall weight Tires type Standard tires Forks length / width / section	b4 a4 a5 Wa1	0.89 m 16 ° 110 ° 3.94 m 11870 kg 11870 kg Inflatable
Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks) Overall weight Tires type Standard tires Forks length / width / section	a4 a5 Wa1	16° 110° 3.94 m 11870 kg 11870 kg Inflatable
Tilt-down angle External turning radius (over tyres) Unladen weight (with forks) Overall weight Tires type Standard tires Forks length / width / section	a5 Wa1	110 ° 3.94 m 11870 kg 11870 kg Inflatable
External turning radius (over tyres) Unladen weight (with forks) Overall weight Tires type Standard tires Forks length / width / section	Wa1	3.94 m 11870 kg 11870 kg Inflatable
Unladen weight (with forks) Overall weight Tires type Standard tires Forks length / width / section		11870 kg 11870 kg Inflatable
Overall weight Tires type Standard tires Forks length / width / section	1/e/s	11870 kg Inflatable
Tires type Standard tires Forks length / width / section	1/e/s	Inflatable
Standard tires Forks length / width / section	l/e/s	
Forks length / width / section	l / e / s	Alliance 400/80 - 24 - 162A8
	l/e/s	
Performances		1200 mm x 125 mm x 45 mm
Lifting		16 s
Lowering		12 s
Extension		16 s
Retraction		13 s
Scoop		4 s
Crowd		4 s
Dump		4 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6
Number of cylinders / Capacity of cylinders		4 - 3621 cm ³
I.C. Engine power rating - Power		100 Hp / 75 kW
Max. torque / Engine rotation		410 Nm @ 1600 rpm
Drawbar pull (Laden)		7850 daN
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Travel speed (laden)		25 km/h
Max. travel speed		24.90 km/h
Max. travel speed (may vary according to applicable regulations)		24.90 km/h
Parking brake		Automatic parking brake
Service brake		Oil-immersed multi-discs on front & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 I/min-270 bar
Tank capacities		
Engine oil		10
Hydraulic oil		135
Diesel Exhaust fluid (AdBlue® type)		22.60
Fuel tank		140
		1401
Noise and vibration		79 dB
Noise at driving position (LpA)		
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

MT 1840 ST5 - Dimensional drawing

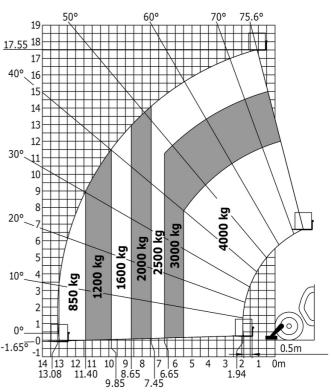


MT 1840 ST5 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric





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