Technical sheet:

# MT 1840 HA



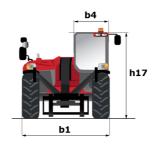


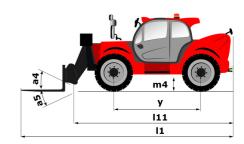
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Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Maximum outreach	13.08 m
Breakout force with bucket	8390 daN
Weight and dimensions	0000 daile
	111 6.15 m
Overall length to carriage	l11 6.15 m
Length to face of forks	l2 6.27 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Wheelbase	y 3.07 m
Ground clearance	m4 0.37 m
Overall cab width	b4 0.89 m
Tilt-up angle	a4 12 °
Tilt-down angle	a5 114°
External turning radius (over tyres)	Wa1 3.94 m
Unladen weight (with forks)	12680 kg
Overall weight	12680 kg
Tires type	Inflatable
Standard tires	Alliance 400/80 - 24 - 162A8
	1/e/s 1200 mm x 125 mm x 50 mm
Forks length / width / section	17 e / S 1200 Hilli x 123 Hilli x 30 Hilli
Performances	
Lifting	14 s
Lowering	14 s
Extension	19 s
Retraction	15 s
Scoop	5 s
Dump	5 s
Engine	
Engine brand	Deutz
Engine norm	Stage V
Engine model	TCD 3.6
Number of cylinders / Capacity of cylinders	4 - 3621 cm <sup>3</sup>
I.C. Engine power rating - Power	100 Hp / 75 kW
Max. torque / Engine rotation	410 Nm @ 1600 rpm
Drawbar pull (Laden)	7350 daN
Transmission	7330 daiv
	Understation
Transmission type	Hydrostatic
Number of gears (forward / reverse)	3/3
Max. travel speed	24.90 km/h
Max. travel speed (may vary according to applicable regulations)	24.90 km/h
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs on front & rear axles
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 l/min-250 bar
Tank capacities	
Engine oil	10
Hydraulic oil	1351
Diesel Exhaust fluid (AdBlue® type)	22.60
Fuel tank	140 l
	1401
Noise and vibration	70.10
Noise at driving position (LpA)	79 dB
Noise to environment (LwA)	106 dB
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM
	Data indicated with basket basket, except max.
Additional information	capacity, lifting height and offset.

Data indicated with basket basket, except max. capacity, lifting height and offset.

## MT 1840 HA - Dimensional drawing

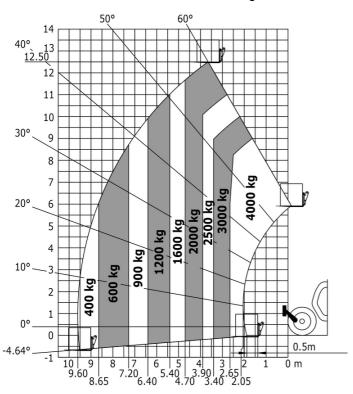




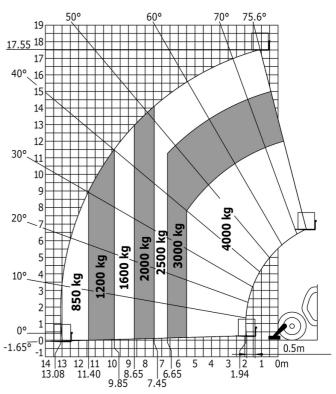


### MT 1840 HA - Load chart

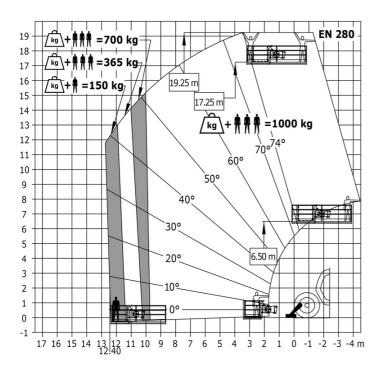
Machine on tires with forks - with levelling device Metric



#### Machine on lowered stabilisers with forks Metric



## Machine on stabilisers with Man basket Metric







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