Technical sheet:

# MT 1840 A 100D ST5 S1

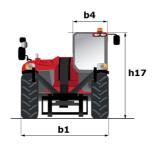


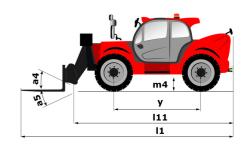


Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Maximum outreach	13.08 m
Breakout force with bucket	8391 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
ength to face of forks	12 6.27 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Wheelbase	y 3.07 m
Ground clearance	m4 0.37 m
Overall cab width	b4 0.89 m
Filt-up angle	a4 12 °
Filt-down angle	a5 114°
external turning radius (over tyres)	Wa1 3.94 m
	wa1 3.94111 12650 kg
Inladen weight (with forks)	•
Overall weight	12400 kg
ires type	Inflatable
Standard tires	Alliance 400/80 - 24 - 162A8
orks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
Performances	
ifting	14 s
owering	14 s
extension	19 s
letraction	15 s
Ссоор	5 s
Dump	5 s
Engine Control of the	
Engine brand	Deutz
Engine norm	Stage V
Engine model	TCD 3.6
Number of cylinders / Capacity of cylinders	4 - 3621 cm³
C. Engine power rating - Power	100 Hp / 75 kW
Max. torque / Engine rotation	410 Nm @ 1600 rpm
Drawbar pull (Laden)	8391 daN
Transmission	
Transmission type	Torque converter
lumber of gears (forward / reverse)	4 / 4
ravel speed (laden)	25 km/h
fax. 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
ervice brake	Oil-immersed multi-discs on front & rear axles
lydraulics	
lydraulic pump type	Gear pump
lydraulic flow / Pressure	167 l/min-270 bar
ank capacities	
ingine oil	10
lydraulic oil	1351
iesel Exhaust fluid (AdBlue® type)	22.60
uel tank	140 l
loise and vibration	
loise at driving position (LpA)	79 dB
loise to environment (LwA)	106 dB
ibration on hands/arms	< 2.50 m/s <sup>2</sup>
Aiscellaneous	× 2.00 III/5°
teering wheels (front / rear)	2/2
rive wheels (front / rear)	2 / 2
Cab certification	Cabin ROPS - FOPS level 2

# MT 1840 A 100D ST5 S1 - Dimensional drawing





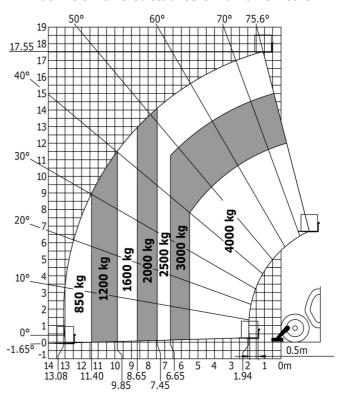


## MT 1840 A 100D ST5 S1 - Load chart

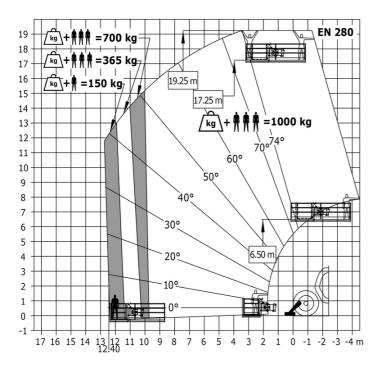
Machine on tires with forks - with levelling device Metric

### 14 40° 13 12 11 10 30° 9 8 7 20° 6 5 4 10° 3 2 0° 6 5 4 10° 3 2 0° 6 10° 3 2 10° 6 8 7 10° 6 10° 7 10° 8 10° 7 10° 8 10°

### Machine on lowered stabilisers with forks Metric



# Machine on stabilisers with Man basket Metric







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