

Technical sheet

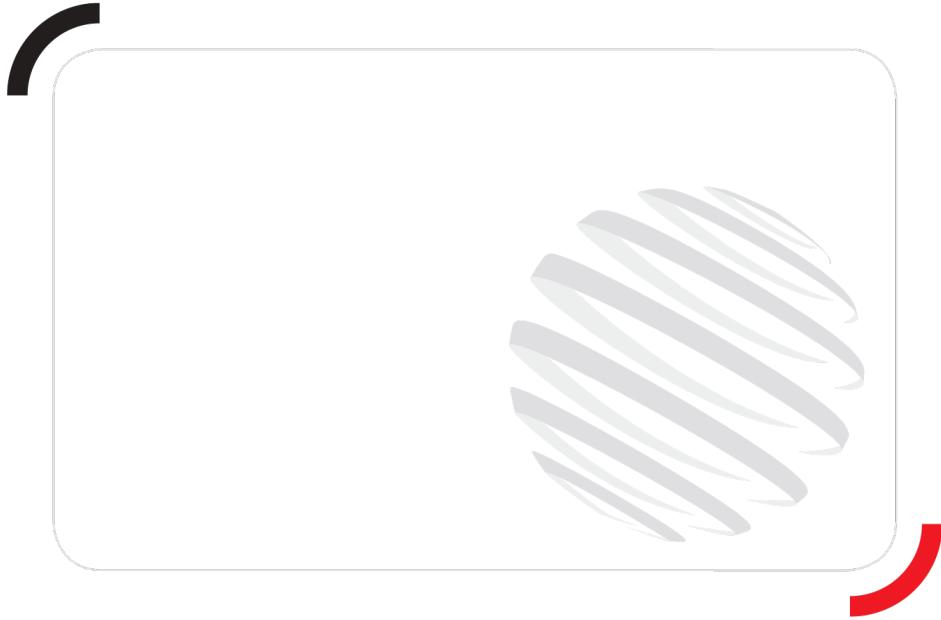
# **MT-X 1840**

Telehandlers



Capacities	Metric	Imperial
Max. capacity	4000 kg	8800 lbs
Max. lift height	17.55 m	57 ft 7 in
Max. reach	13.08 m	42 ft 11 in
Bucket breakout force	7500 daN	16860 lbf
Weight and dimensions		
l2 - Overall length of fork carriage	6.27 m	20 ft 7 in
b1 - Overall width	2.42 m	7 ft 11 in
h17 - Overall height	2.45 m	8 ft
y - Wheelbase	3.07 m	10 ft 1 in
m4 - Ground clearance	0.42 m	1 ft 5 in
b4 - Overall cab width	0.89 m	2 ft 11 in
a4 - Tilt-up angle	12 °	12 °
a5 - Tilt-down angle	114 °	114 °
Wa1 - Frame outer turning radius	4.01 m	13 ft 2 in
Unladen weight (with forks)	11600 kg	25520 lbs
Standard tyres	Pneumatic	Pneumatic
Performances		
Lifting	17.30 s	17.30 s
Lowering	12.70 s	12.70 s
Telescope extension	16.10 s	16.10 s
Retracting the telescope	15.60 s	15.60 s
Scoop	5 s	5 s
Dump	4 s	4 s
Engine		
Brand	Perkins	Perkins
Environmental standards	Stage 3A	Stage 3A
Model	1104D-44TA	1104D-44TA
Number of cylinders - Capacity	- - 4400 cm <sup>3</sup>	- - 268.50 in <sup>3</sup>
Power	101 hp / 74.50 kW	101 hp / 74.50 kW
Max. torque	400 Nm at 1400 rpm	- at 1400 rpm
Laden drawbar pull	10000 daN	22480.89 lbf
Transmission		
Type	Torque Converter	Torque Converter
Number of gears (forward/reverse)	4/4	4/4
Parking brake	Automatic negative parking brake	Automatic negative parking brake
Service brake	Oil-Immersed Multi-Discs on Front & Rear Axles	Oil-Immersed Multi-Discs on Front & Rear Axles
Hydraulics		
Type of pump	Gear pump	Gear pump
Hydraulic flow rate - Pressure	170 l/min - 270 bar	44.90 gpm - 3916 psi
Tank capacities		
Engine oil	175 l	46.23 US gal.
Hydraulic oil	175 l	46.20 US gal.
Fuel	140 l	36.90 US gal.
Noise & vibration		
Noise at driving position (LpA)	82 dB(A)	82 dB(A)
Noise to environment (LwA)	106 dB(A)	106 dB(A)
Vibration on hands/arms	<2.5 m/s <sup>2</sup>	<82.25 ft/s <sup>2</sup>
Miscellaneous		
Steering wheels / Driving wheels	4 / 4	4 / 4
Safety	Standard EN 15000 Cab ROPS - FOPS Level 2	Standard EN 15000 Cab ROPS - FOPS Level 2
Controls	JSM	JSM





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