

Technical sheet :

# MT-X 1840 A

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Capacities		Metric
Max. capacity	Q	4000 kg
Max. lifting height		17.25 m
Max. outreach		9.60 m
Breakout force with bucket		8400 daN
Weight and dimensions		
Overall length to carriage	l11	6.16 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)		11630 kg
Unladen weight (with man basket)		12560 kg
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm x 50 mm
Performances		
Lifting		18 s
Lowering		14.40 s
Extension		17.90 s
Retraction		16.50 s
Crowd		5.10 s
Dump		4 s
Engine		
Engine brand		Perkins
Engine norm		Stage IIIA
Max. fuel sulphur content		5000 ppm
Engine model		1104D-44TA
Number of cylinders / Capacity of cylinders		4 - 4400 cm³
Engine power (Hp/kW)		101 Hp / 74.50 kW
Max. torque / Engine rotation		400 Nm @ 1400 rpm
Drawbar pull (Laden)		8340 daN
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		24.90 km/h
Parking brake		Automatic Negative Hand-brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-265 bar
Tank capacities		
Engine oil		11.40 l
Hydraulic oil		135 l
Fuel tank capacity		140 l
Noise and vibration		
Noise at driving position (LpA)		82 dB
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 2.50 m/s²
Compatible platform		
Platform capacity	Q	850 kg
Number of people		3
Platform dimensions (length x width)	lp / ep	5000 m x 1200 m
Platform weight*		1050 kg
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM





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