

Technical sheet :

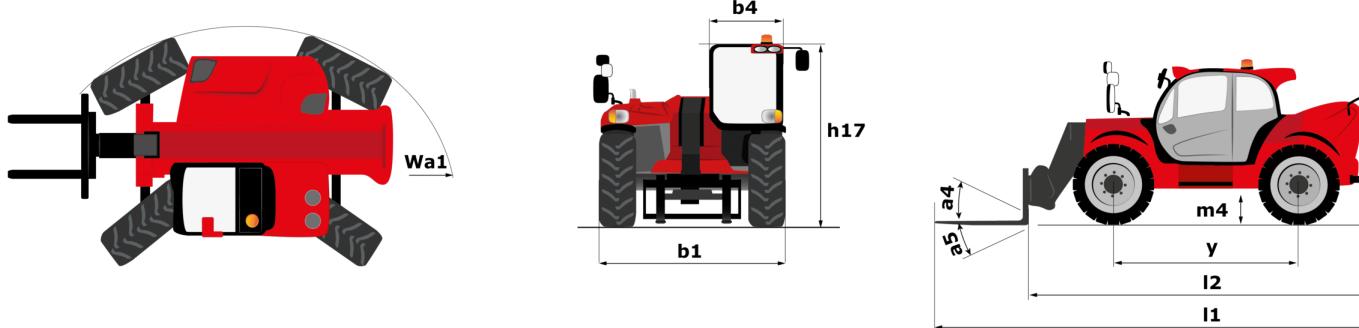
MHT 12330



 **MANITOU**
HANDLING YOUR WORLD

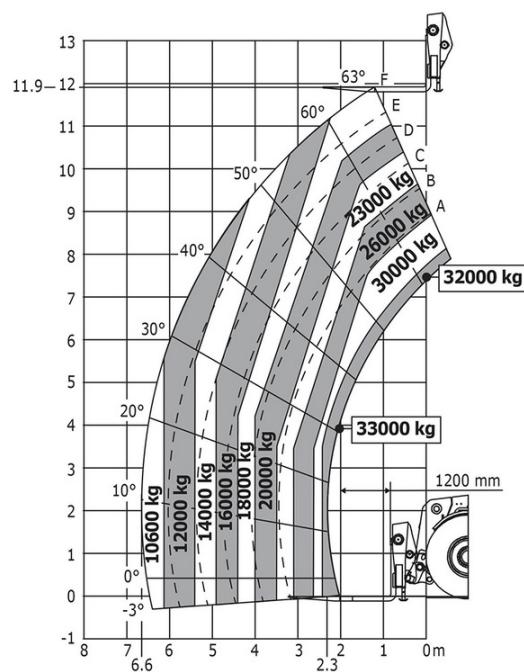
Capacities		Metric	
Max. capacity		c	33000 kg
Load center of gravity			1200 mm
Max. lifting height			11.92 m
Maximum outreach			6.60 m
Weight and dimensions			
Overall length		l1	10.77 m
Unladen weight (with forks)		m4	49000 kg
Ground clearance		y	0.59 m
Wheelbase		l2	4.90 m
Length to face of forks		b1	8.37 m
Overall width		h17	2.98 m
Overall height		b4	3.60 m
Overall cab width		a4	0.97 m
Tilt-up angle		a5	10 °
Tilt-down angle		Wa1	100 °
External turning radius (over tyres)		b15	7.42 m
Outer turning radius (with forks)		l / e / s	9.33 m
Forks length / width / section		a9	2400 mm x 110 mm x 250 mm
Frame leveling corrector			6 °
Wheels			
Standard tires			21.00 R35
Number of front wheels / rear wheels			2 / 2
Steering wheels (front / rear)			4 / 4
Drive wheels (front / rear)			2 / 2
Steering mode			2 wheel steer, 4 wheel steer, Crab mode
Engine			
Engine brand			Deutz
Engine norm			Stage V, Tier 4 final
Engine model			TCD 6.1 L6
Number of cylinders / Capacity of cylinders			6 - 6100 cm³
Engine power (Hp / kW)			245 Hp / 180 kW
Max. torque / Engine rotation			1000 Nm@1450 rpm
Engine cooling system			Water
Number of batteries			2
Battery voltage			12 V
Drawbar pull			28400 daN
Transmission			
Transmission type			Hydrostatic with Powershift
Number of gears (forward / reverse)			3 / 3
Max. travel speed			25 km/h
Parking brake			Automatic negative parking brake
Service brake			Oil-immersed multi-discs braking on front & rear axles
Gradeability (laden)			36 %
Hydraulics			
Hydraulic pump type			Variable displacement pump
Hydraulic flow - Pressure			310 l/min - 350 bar
Tank capacities			
Engine oil			21 l
Hydraulic oil			570 l
Fuel			600 l
Diesel Exhaust fluid (AdBlue® type)			32 l
Noise and vibration			
Noise to environment (LwA)			110 dB
Vibration on hands/arms			2.50 m/s²
Miscellaneous			
Cab certification			Cabin ROPS - FOPS level 2
Controls			JSM
Attachment recognition system (E-Reco)			Standard

MHT 12330 - Dimensional drawing

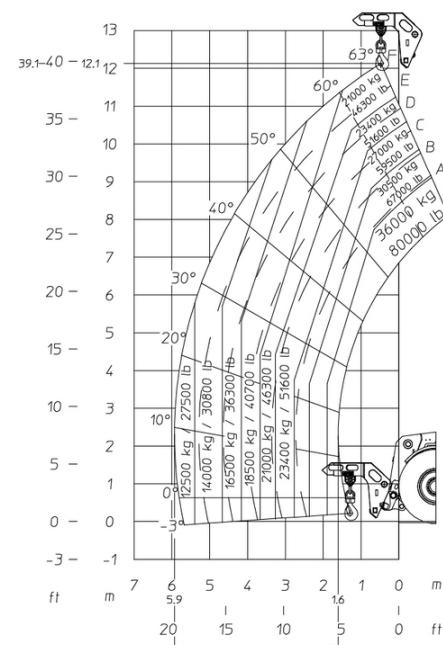


MHT 12330 - Load chart

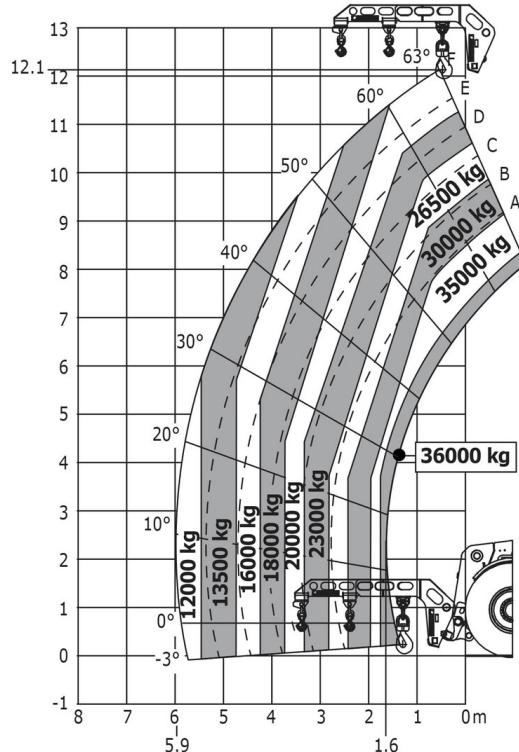
Machine on tires with forks LC 1200 mm Metric



Machine on tires with hook 36000 kg (Metric)



Machine on tires with 3-hook jib 36000 kg (Metric)





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