Technical sheet :

MHT 10160 ST5

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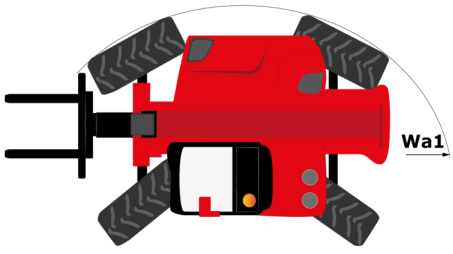
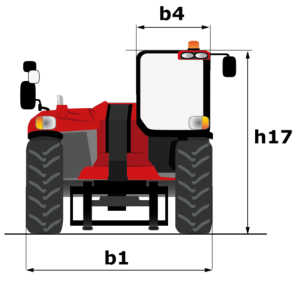
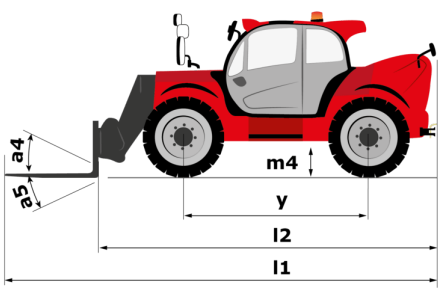
Capacities		Metric
Max. capacity		16000 kg
Load center of gravity	c	600 mm
Max. lifting height		9.60 m
Maximum outreach		5.20 m
Weight and dimensions		
Overall length	l1	7.35 m
Unladen weight (with forks)		20710 kg
Ground clearance	m4	0.43 m
Wheelbase	y	3.37 m
Length to face of forks	l2	6.15 m
Overall width	b1	2.48 m
Overall height	h17	2.99 m
Overall cab width	b4	0.95 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	104 °
External turning radius (over tyres)	Wa1	5.20 m
Forks length / width / section	l / e / s	1200 mm x 180 mm x 75 mm
Frame leveling corrector	a9	9 °
Wheels		
Standard tires		17,5-R25
Number of front wheels / rear wheels		2 / 2
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Engine		
Engine brand		Yanmar
Engine norm		Stage V, Tier 4
Engine model		4TN107FTT-6SMU1
Number of cylinders / Capacity of cylinders		4 - 4567 cm³
I.C. Engine power rating / Power		173 Hp / 127 kW
Max. torque / Engine rotation		805 Nm@1500 rpm
Engine cooling system		Water
Number of batteries		2
Battery voltage		12 V
Drawbar pull		11770 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		30 km/h
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Gradeability (laden / unladen)		32.40 % / 55.40 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		172 l/min - 350 bar
Tank capacities		
Engine oil		13 l
Fuel tank		315 l
Diesel Exhaust fluid (AdBlue® type)		24 l
Noise and vibration		
Noise to environment (LwA)		108 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 10160 ST5 - Dimensional drawing

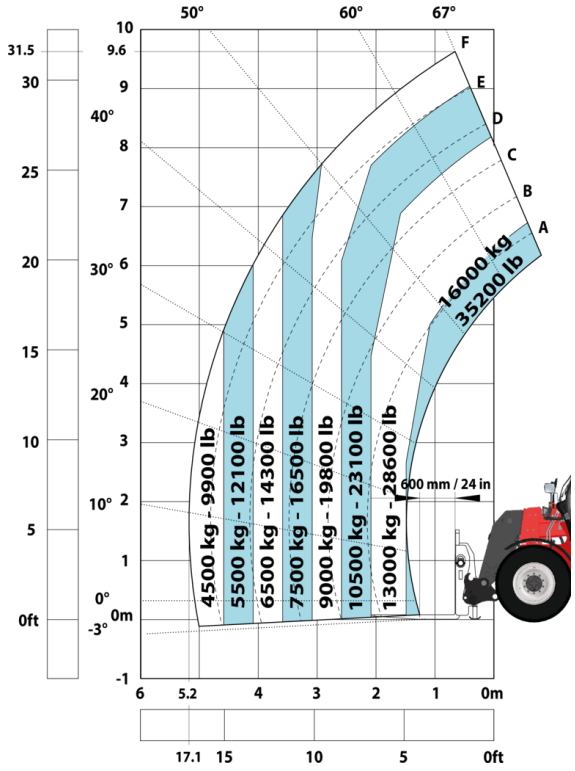




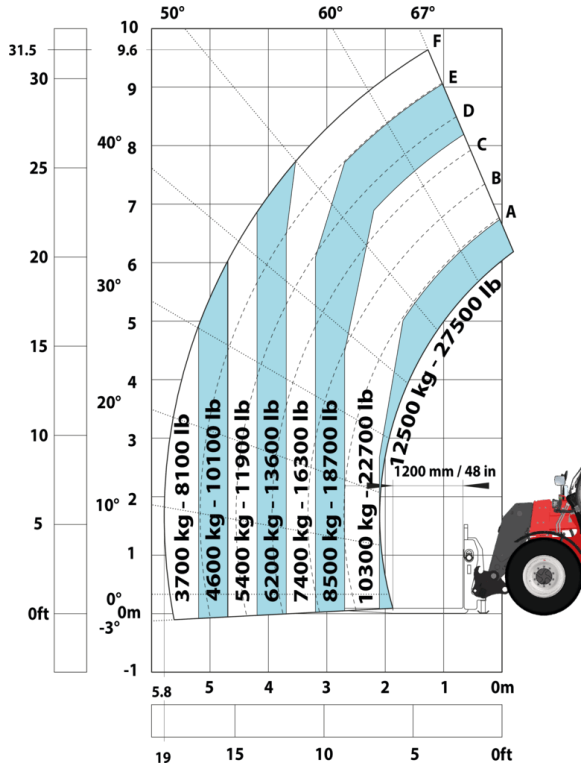


MHT 10160 ST5 - Load chart

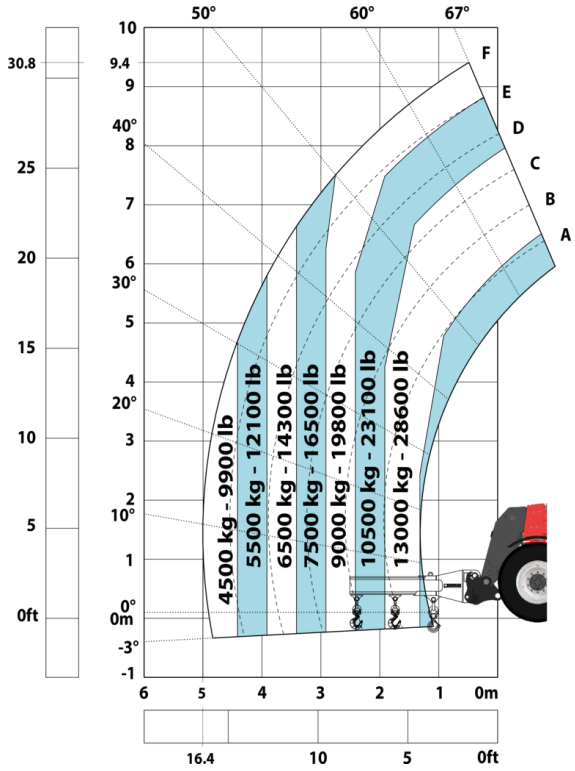
Machine on tires with forks LC 600 mm Metric



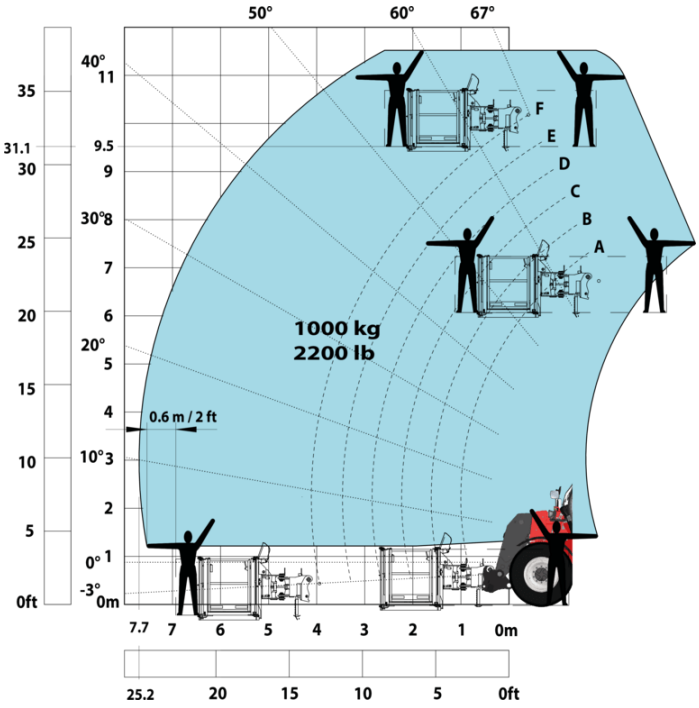
Machine on tires with forks LC 1200 mm Metric



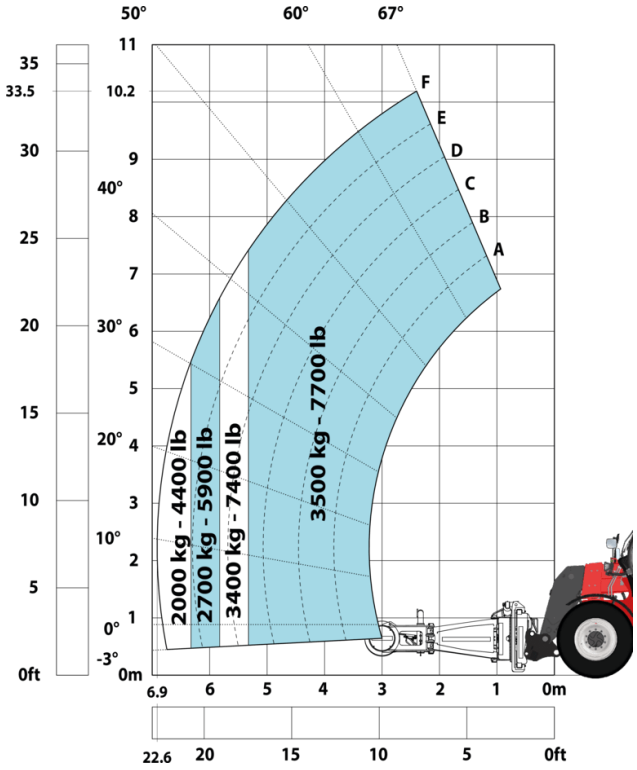
Machine on tires with 3-hook jib 16000 kg (Metric)



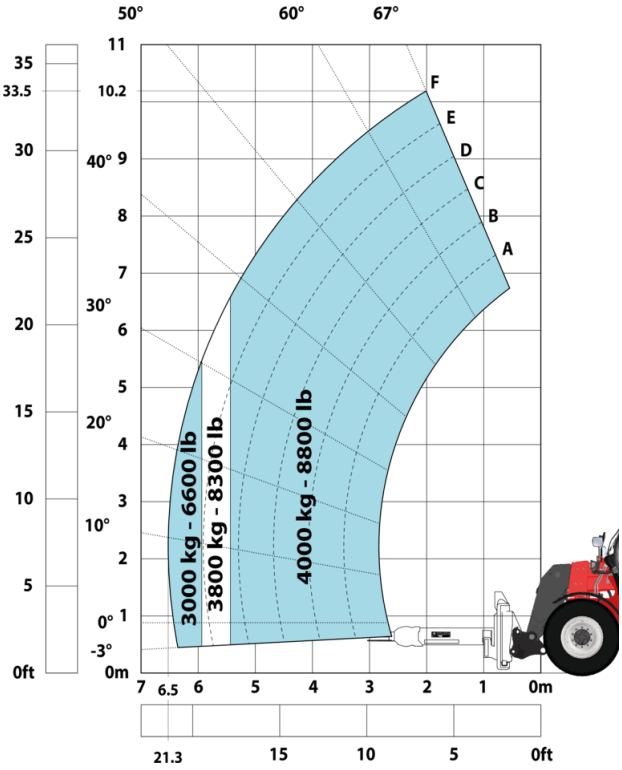
Machine on tires with platform Metric



Machine on tires with tire handler TH 51 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)



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