

Technical sheet :

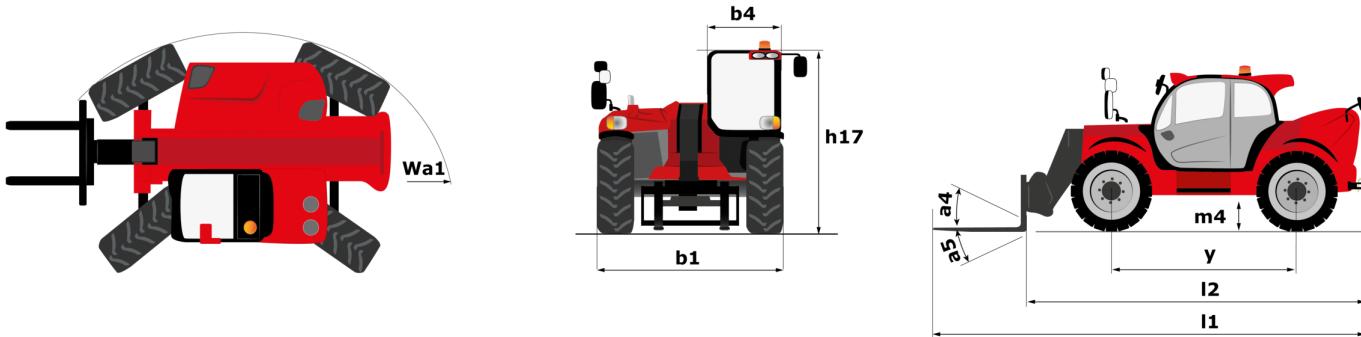
MHT-X 790 ST3A



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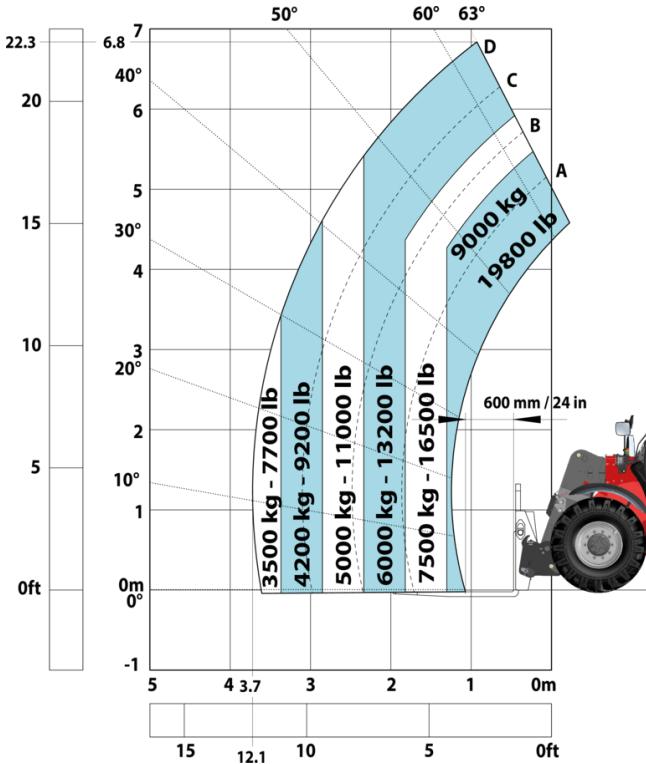
Capacities		Metric	
Max. capacity		9000 kg	
Load center of gravity	c	600 mm	
Max. lifting height		6.80 m	
Maximum outreach		3.70 m	
Weight and dimensions			
Overall length	l1	6.41 m	
Unladen weight (with forks)		13160 kg	
Ground clearance	m4	0.44 m	
Wheelbase	y	2.87 m	
Length to face of forks	l2	5.21 m	
Overall width	b1	2.47 m	
Overall height	h17	2.54 m	
Overall cab width	b4	0.93 m	
Tilt-up angle	a4	15 °	
Tilt-down angle	a5	109 °	
External turning radius (over tyres)	Wa1	4.72 m	
Forks length / width / section	l / e / s	1200 mm x 200 mm x 60 mm	
Wheels			
Standard tires		445/65 R22,5	
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 IIIA	
Engine model		4TN107HT-5SMUF	
Number of cylinders / Capacity of cylinders		4 - 4567 cm³	
Engine power (Hp / kW)		143 Hp / 105 kW	
Max. torque / Engine rotation		602 Nm@1500 rpm	
Engine cooling system		Water	
Battery voltage		12 V	
Drawbar pull		10050 daN	
Transmission			
Transmission type		Hydrostatic	
Number of gears (forward / reverse)		2 / 2	
Max. travel speed		35 km/h	
Parking brake		Automatic negative parking brake	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Gradeability (laden / unladen)		48.10 % / 37.40 %	
Hydraulics			
Hydraulic pump type		Variable displacement pump	
Hydraulic flow - Pressure		185 l/min - 270 bar	
Tank capacities			
Engine oil		13 l	
Hydraulic oil		151 l	
Fuel		165 l	
Noise and vibration			
Noise to environment (LwA)		107 dB	
Vibration on hands/arms		2.50 m/s²	
Noise at driving position (LpA) tested following NF EN 12053 norm		75 dB	
Miscellaneous			
Cab certification		Cabin ROPS - FOPS level 2	
Controls		JSR	

MHT-X 790 ST3A - Dimensional drawing

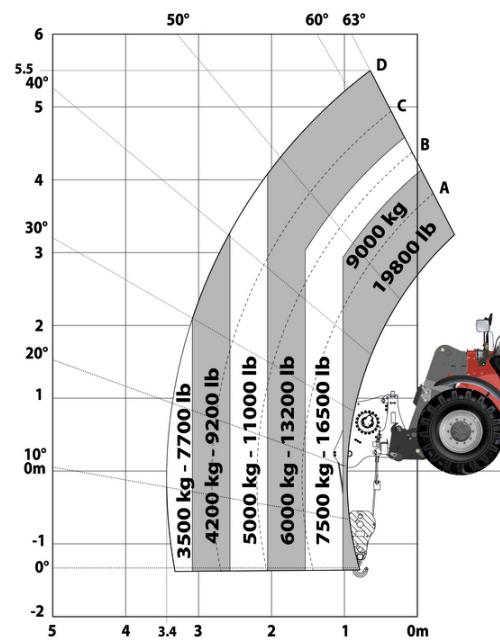


MHT-X 790 ST3A - Load chart

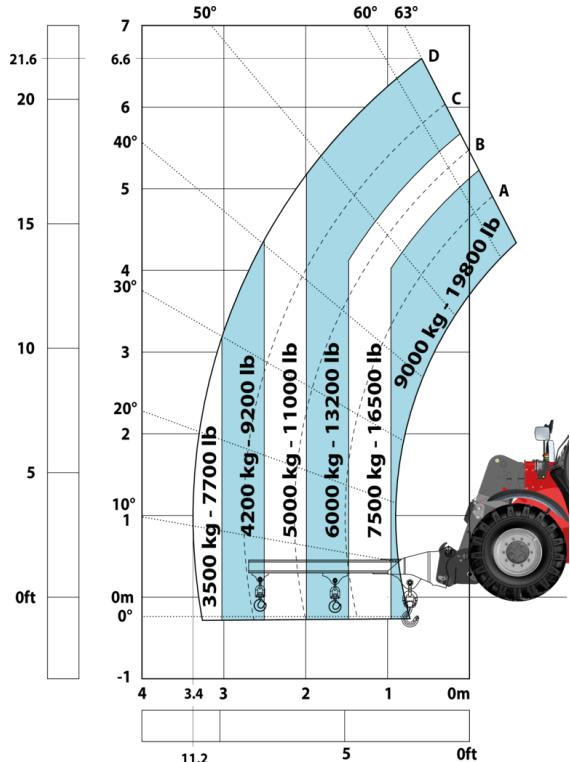
Machine on tires with forks LC 600 mm Metric



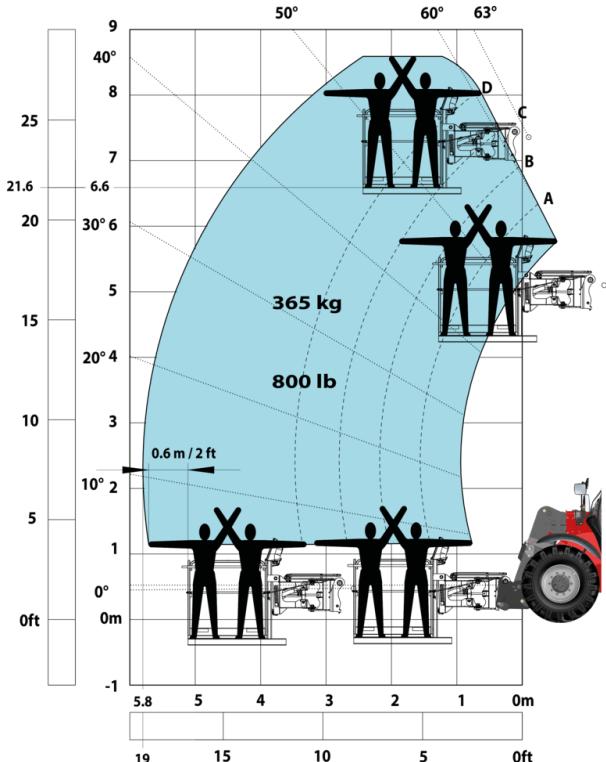
Machine on tires with winch 9000 kg (Metric)



Machine on tires with 3-hook jib 9000 kg (Metric)

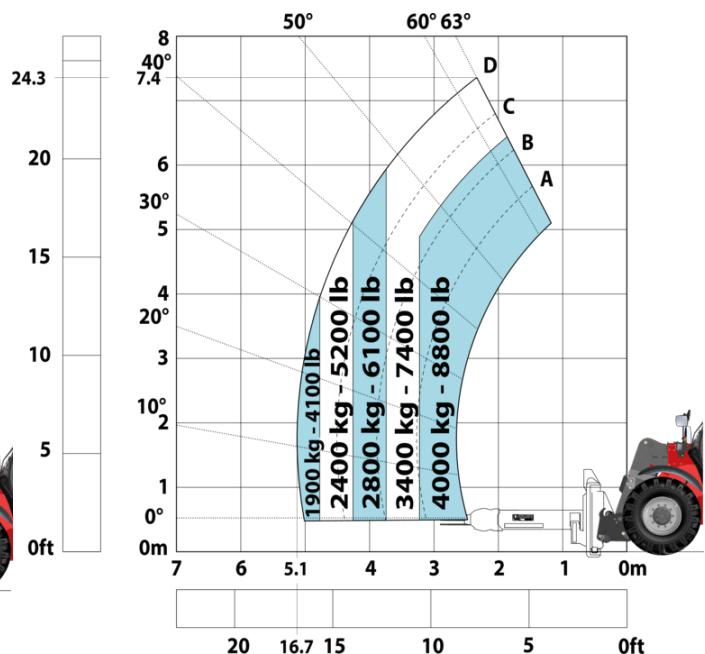
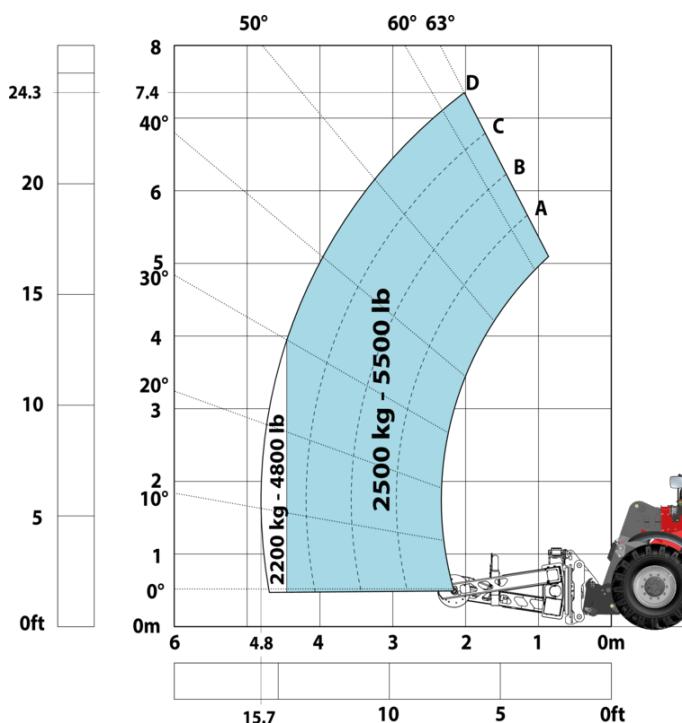


Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)

Machine on tires with cylinder handler CH 4 (Metric)





MANITOU HANDLING YOUR WORLD

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