Technical sheet:

# **MHT-X 790 ST3A**

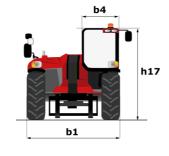


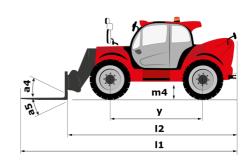


Capacities		Metric
Max. capacity		9000 kg
Load center of gravity	c	600 mm
Max. lifting height		6.80 m
Max. outreach		3.70 m
Veight and dimensions		
Overall length	I1	6.41 m
nladen weight (with forks)		13160 kg
round clearance	m4	0.44 m
Vheelbase	у	2.87 m
ength to face of forks	12	5.21 m
verall width	b1	2.47 m
Overall height	h17	2.54 m
overall cab width	b4	0.93 m
ilt-down angle	a5	109 °
ilt-up angle	a4	15 °
ixternal turning radius (over tyres)	Wa1	4.72 m
Forks length / width / section	l/e/s	1200 mm x 200 mm / 60 mm
Wheels		
Standard tires		445/65 R22,5
lumber of front wheels / rear wheels		2/2
Drive wheels (front / rear)		2/2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
ingine		
ingine brand		Yanmar
ingine norm		Stage IIIA
ingine model		4TN107HT-5SMUF
Number of cylinders / Capacity of cylinders		4 - 4567 cm³
.C. Engine power rating / Power		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		10000 dail
Fransmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Aax. travel speed		35 km/h
Parking brake		Automatic negative parking brake
•		Oil-immersed multi-discs braking on front & re-
Service brake		axles
Gradeability (laden / unladen)		48.10 % / 37.40 %
lydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		185 I/min - 270 bar
Fank capacities		
Engine oil		13 l
Hydraulic oil		151 I
Fuel tank		165 l
loise and vibration		
Noise at driving position (LpA)		75 dB
Noise to environment (LwA)		107 dB
/ibration on hands/arms		< 2.50 m/s <sup>2</sup>
Miscellaneous		
		ROPS - FOPS level 2 cab

## MHT-X 790 ST3A - Dimensional drawing

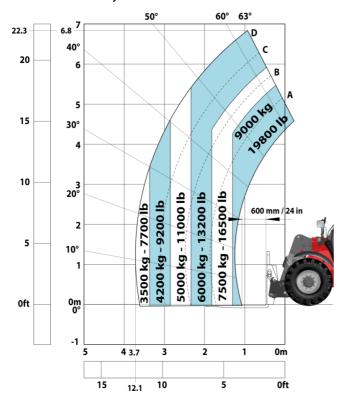




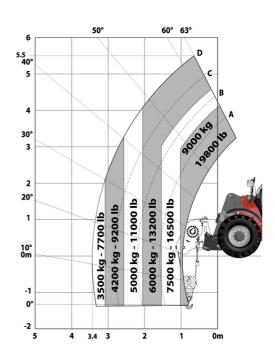


#### MHT-X 790 ST3A - Load chart

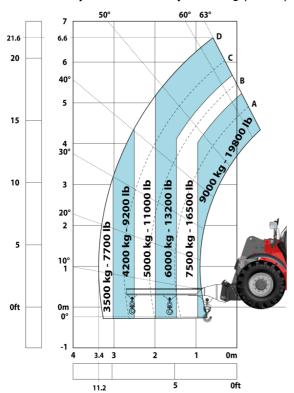
#### Machine on tyres with forks LC 600 mm Metric



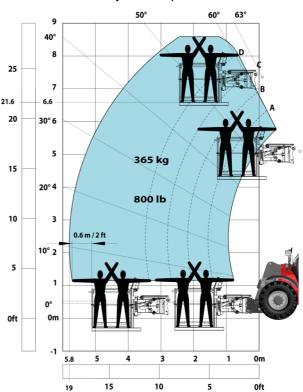
#### Machine on tyres with winch 9000 kg (Metric)



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

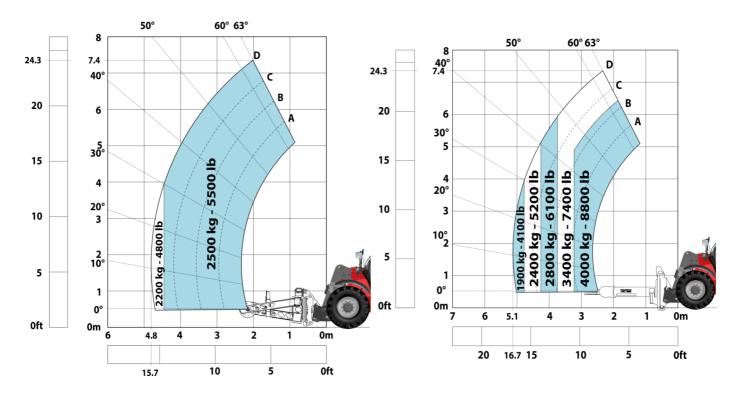


#### Machine on tyres with platform Metric



Machine on tyres with tyre handler TH 49 (Metric)

Machine on tyres with cylinder handler CH 4 (Metric)







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