Technical sheet:

# **MHT-X 790 ST3A**

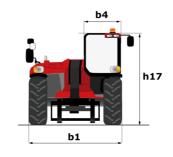


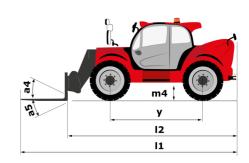


Capacities		Metric
Max. capacity		9000 kg
Load center of gravity	C	600 mm
Max. lifting height		6.80 m
Max. outreach		3.70 m
Weight and dimensions		
Overall length	l1	6.41 m
Inladen weight (with forks)		13160 kg
Ground clearance	m4	0.44 m
Vheelbase	у	2.87 m
ength to face of forks	12	5.21 m
Overall width	b1	2.47 m
Overall height	h17	2.54 m
Overall cab width	b4	0.93 m
ïlt-down angle	a5	109°
ilt-up angle	a4	15 °
external turning radius (over tyres)	Wa1	4.72 m
orks length / width / section	I/e/s	1200 mm x 200 mm / 60 mm
Vheels		
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
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
Fransmission		
Fransmission type		Hydrostatic
Number of gears (forward / reverse)		2/2
Max. travel speed		35 km/h
Parking brake		Automatic negative parking brake
•	Oil-in	mersed multi-discs braking on front & rea
Service brake	OII III	axles
Gradeability (laden / unladen)		48.10 % / 37.40 %
-lydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		185 l/min - 270 bar
Tank capacities		
Engine oil		13 l
Hydraulic oil		151 I
Fuel tank		165 l
Noise and vibration		
Noise at driving position (LpA)		75 dB
Noise to environment (LwA)		107 dB
libration on hands/arms		< 2.50 m/s²
Miscellaneous		
Safety cab homologation		ROPS - FOPS level 2 cab

## MHT-X 790 ST3A - Dimensional drawing

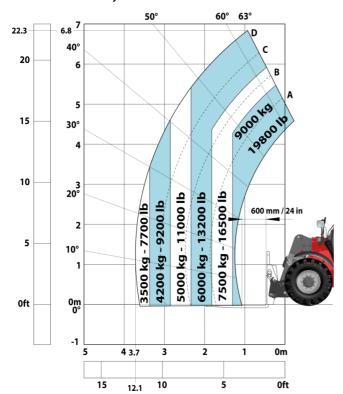




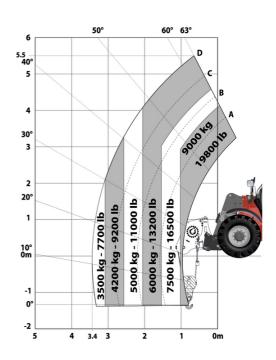


#### MHT-X 790 ST3A - Load chart

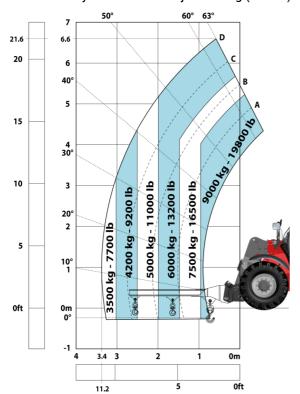
#### Machine on tyres with forks LC 600 mm Metric



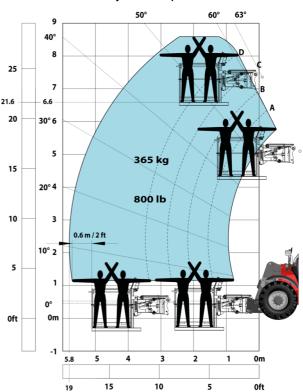
### Machine on tyres with winch 9000 kg (Metric)



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

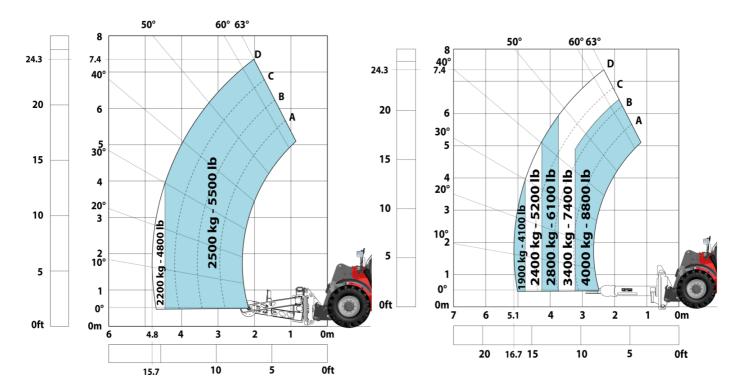


#### Machine on tyres with platform Metric



Machine on tyres with tyre handler TH 49 (Metric)

Machine on tyres with cylinder handler CH 4 (Metric)







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