Technical sheet:

# **MHT-X 790 ST3A**

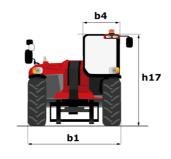


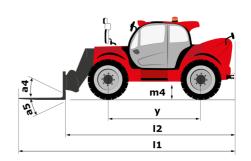


Capacities		Metric
Max. capacity		9000 kg
Load center of gravity	С	600 mm
Max. lifting height		6.80 m
Maximum outreach		3.70 m
Weight and dimensions		
Overall length	I1	6.41 m
Unladen weight (with forks)		13160 kg
Ground clearance	m4	0.44 m
Wheelbase	у	2.87 m
Length to face of forks	12	5.21 m
Overall width	b1	2.47 m
Overall height	h17	2.54 m
Overall cab width	b4	0.93 m
Tilt-up angle	a4	15 °
Tilt-down angle	a5	109°
External turning radius (over tyres)	Wa1	4.72 m
Forks length / width / section	I / e / s 120	) 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 s	teer, 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 cm <sup>3</sup>	
I.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		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2/2
Max. travel speed		35 km/h
Parking brake	Autom	atic negative parking brake
Service brake		multi-discs braking on front & rea axles
Gradeability (laden / unladen)		48.10 % / 37.40 %
Hydraulics		10.110 10 7 07.110 10
Hydraulic pump type	Vari	able displacement pump
Hydraulic flow - Pressure	Vali	185 I/min - 270 bar
Tank capacities		100 // IIIII
		12
Engine oil Fuel tank		13
		165 l
Noise and vibration		107 dD
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		bin ROPS - FOPS level 2

## MHT-X 790 ST3A - Dimensional drawing

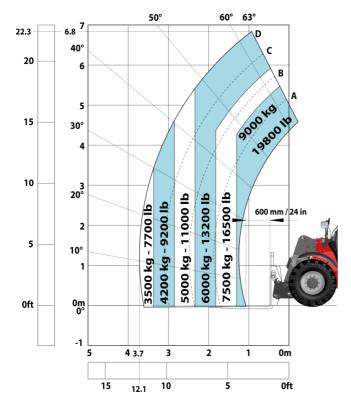




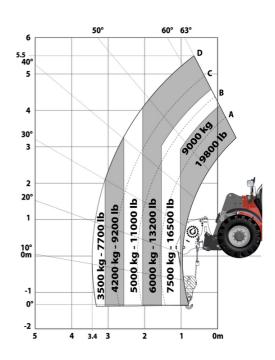


#### MHT-X 790 ST3A - Load chart

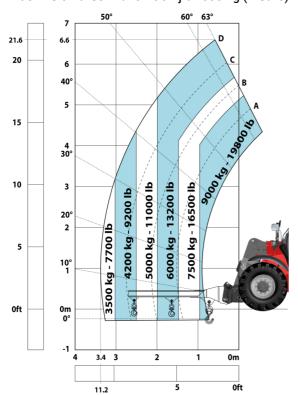
#### Machine on tires with forks LC 600 mm Metric



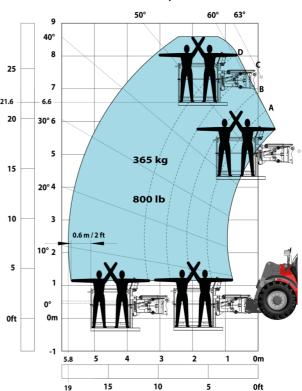
### Machine on tires with winch 9000 kg (Metric)



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

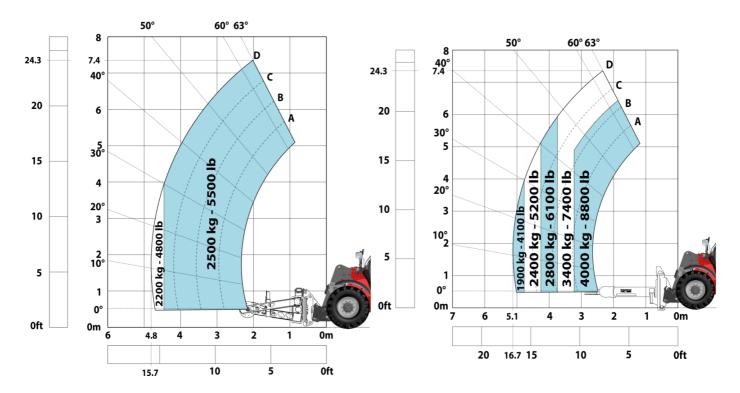


#### Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)

Machine on tires with cylinder handler CH 4 (Metric)







#### **Head Office**

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