Technical sheet:

# **MHT-X 790 ST3A**

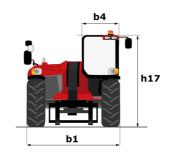


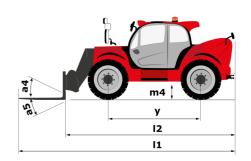


Capacities		Metric
Max. capacity		9000 kg
Load center of gravity	c	600 mm
Aax. lifting height		6.80 m
Maximum outreach		3.70 m
Weight and dimensions		
Overall length	l1	6.41 m
Jnladen weight (with forks)		13160 kg
Ground clearance	m4	0.44 m
Vheelbase	у	2.87 m
Length to face of forks	y 12	5.21 m
Overall width	b1	2.47 m
	h17	2.54 m
Overall height		
Overall cab width	b4	0.93 m
ilt-up angle	a4 -	15 °
Filt-down angle	a5	109 °
External turning radius (over tyres)	Wa1	4.72 m
orks 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
Orive 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 cm <sup>3</sup>
.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		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & real axles
Gradeability (laden / unladen)		48.10 % / 37.40 %
Hydraulics		40.10 /07.40 /0
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		185 l/min - 270 bar
Fank capacities		103 I/IIIIII - 270 Dai
		12.1
Engine oil		13
Fuel tank		165 l
Noise and vibration		107 JD
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

## MHT-X 790 ST3A - Dimensional drawing

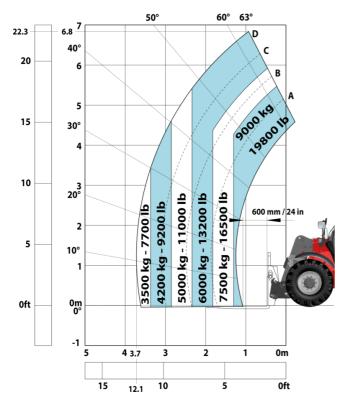




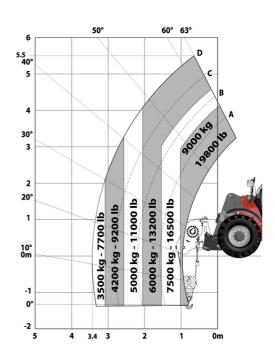


### MHT-X 790 ST3A - Load chart

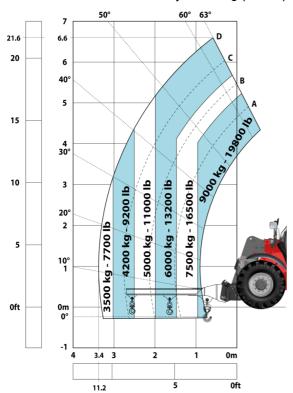
#### Machine on tires with forks LC 600 mm Metric



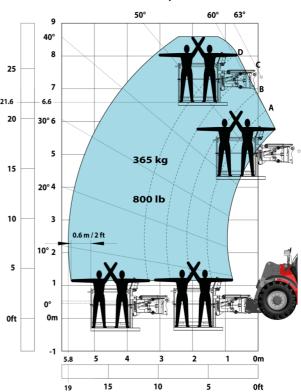
### Machine on tires with winch 9000 kg (Metric)



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

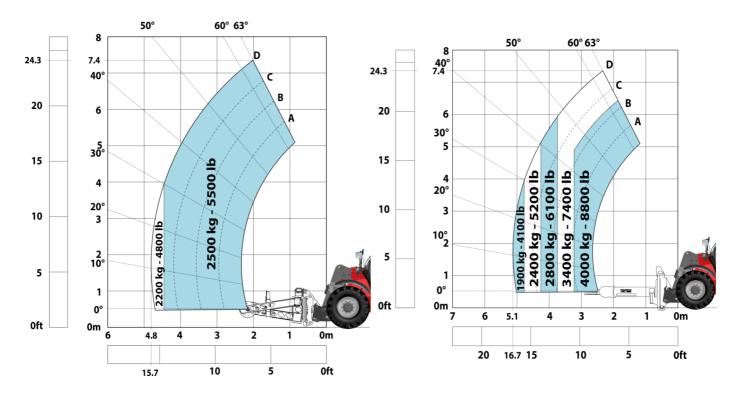


### Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)

Machine on tires with cylinder handler CH 4 (Metric)







#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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