Technical sheet:

# **MHT 790 ST5**

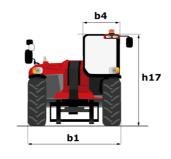


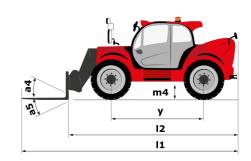


Capacities		Metric
Max. capacity		9000 kg
oad center of gravity	С	600 mm
lax. lifting height		6.80 m
Maximum outreach		3.70 m
/eight and dimensions		
verall length	l1	6.41 m
nladen weight (with forks)		13420 kg
round clearance	m4	0.44 m
/heelbase	у	2.87 m
ength to face of forks	12	5.21 m
verall width	b1	2.47 m
verall height	h17	2.54 m
verall cab width	b4	0.93 m
ilt-up angle	a4	15 °
ilt-down angle	a5	109 °
xternal turning radius (over tyres)	Wa1	4.72 m
orks length / width / section	1/e/s	1200 mm x 200 mm x 60 mm
heels	17 67 3	1200 11111 X 200 11111 X 00 111111
andard tires		445/65 R22,5
umber of front wheels / rear wheels		2 / 2
rive wheels (front / rear)		2/2
, ,		
eering mode ngine		2 wheel steer, 4 wheel steer, Crab mode
		Variation
ngine brand		Yanmar
ngine norm		Stage V, Tier 4
ngine model		4TN107FHT-5SMUF
umber of cylinders / Capacity of cylinders		4 - 4567 cm³
C. Engine power rating / Power		143 Hp / 105 kW
ax. torque / Engine rotation		602 Nm@1500 rpm
ngine cooling system		Water cooled
rawbar pull		10050 daN
ansmission		
ansmission type		Hydrostatic
umber of gears (forward / reverse)		2/2
ax. travel speed		35 km/h
arking brake		Automatic negative parking brake
ervice brake		Oil-immersed multi-discs braking on front & rea axles
radeability (laden / unladen)		48.10 % / 37.40 %
ydraulics		Vedeble disular consultations
ydraulic pump type		Variable displacement pump 185 l/min - 270 bar
ydraulic flow - Pressure		185 I/MIN - 270 bar
ank capacities		
ngine oil		131
uel tank		165 I
esel Exhaust fluid (AdBlue® type)		20
oise and vibration		
oise to environment (LwA)		107 dB
ibration on hands/arms		< 2.50 m/s²
oise at driving position (LpA) tested following NF EN 12053 norm		75 dB
liscellaneous		
		Cabin ROPS - FOPS level 2

## MHT 790 ST5 - Dimensional drawing

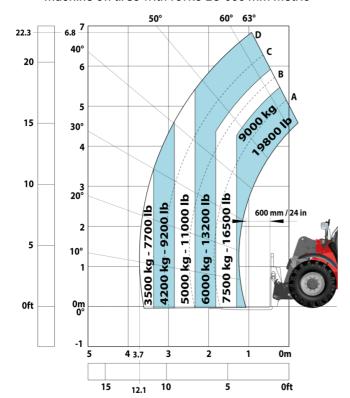




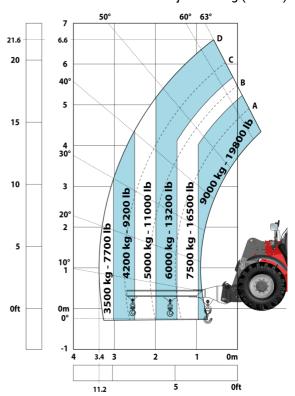


#### MHT 790 ST5 - Load chart

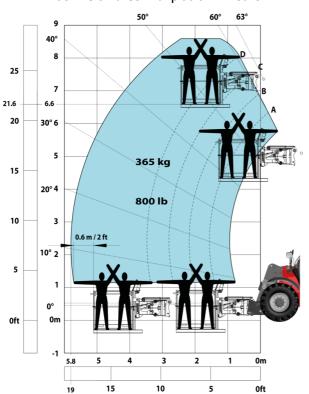
#### Machine on tires with forks LC 600 mm Metric



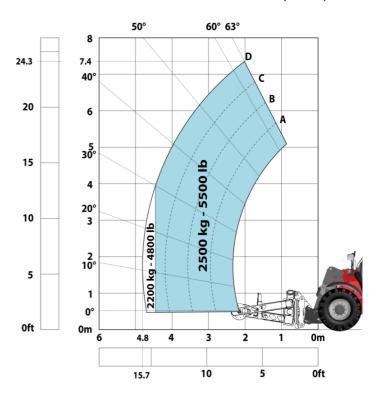
### Machine on tires with 3-hook jib 9000 kg (Metric)



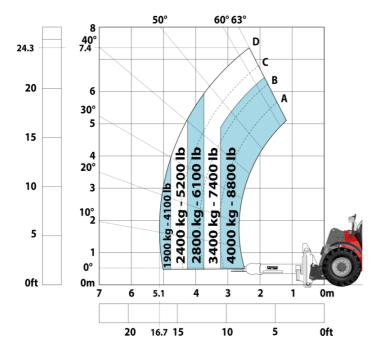
Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)







#### **Head Office**

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