Technical sheet:

# **MHT 790**

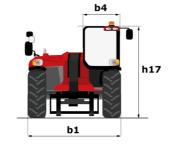


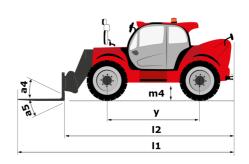


Capacities		Metric	Imperial
Max. capacity		9000 kg	19842 lb
Load center of gravity	C	600 mm	24 in
Max. lifting height	· ·	6.84 m	22 ft 5 in
Maximum outreach		3.72 m	12 ft 2 in
Weight and dimensions		3.72 III	12 1( 2 111
Overall length	I1	5.27 m	17 ft 4 in
Unladen weight (with forks)	"	13160 kg	29013 lb
Ground clearance	m4	0.40 m	1 ft 4 in
Wheelbase	у	2.87 m	9 ft 5 in
Length to face of forks	12	5.27 m	17 ft 3 in
Overall width	b1	2.47 m	8 ft 1 in
Overall height	h17	2.47 m	8 ft 1 in
Overall cab width	b4	0.93 m	3 ft 1 in
Filt-up angle	a4	0.93 III 12 °	12 °
iilt-down angle	a5	125 °	125 °
			123 16 ft
External turning radius (over tyres)	Wa1 b15	4.88 m 5.59 m	18 ft 4 in
Outer turning radius (with forks)	1/e/s	5.59 m 1200 mm x 200 mm x 60 mm	47 in x 8 in x 2 in
Forks length / width / section Wheels	1/e/s	1200 min x 200 min x 60 min	47 III X 8 III X 2 III
		Aeolus - TLAG P23 - 445/65 R22,5	Applyon TI AC DOO AAE/GE DOO E
Standard tires		·	Aeolus - TLAG P23 - 445/65 R22,5
Number of front wheels / rear wheels		2/2	2/2
Steering wheels (front / rear)		2/2	2/2
Orive wheels (front / rear)		2 / 2	2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
Engine		John Dooro	John Doore
Engine brand		John Deere	John Deere
Engine norm		Stage IV, Tier 4 final	Stage IV, Tier 4 final
Engine model		4045PWL 4 - 4500 cm <sup>3</sup>	4045PWL 4 - 275 in³
Number of cylinders / Capacity of cylinders			
.C. Engine power rating / Power		141 Hp / 104 kW	141 Hp / 104 kW
Max. torque / Engine rotation		534 Nm@1500 rpm	394 ft/lbs@1500 rpm
Engine cooling system		Water	Water
Battery voltage		12 V	12 V
Orawbar pull		10905 daN	10905 daN
[ransmission		0.1	
Fransmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2/2
Max. travel speed		30 km/h	19 mph
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Oil bath	Oil bath
Gradeability (laden / unladen)		37.40 % / 48.10 %	37.40 % / 48.10 %
Hydraulics		W. C. H. P. J.	WALL BY
Hydraulic pump type		Variable displacement pump	Variable displacement pump
lydraulic flow - Pressure		180 l/min - 270 bar	48 US gpm - 3916 PSI
Tank capacities			
Engine oil		13	3 US gal
euel tank		147	39 US gal
Diesel Exhaust fluid (AdBlue® type)		12 l	3 US gal
Noise and vibration			
Noise to environment (LwA)		103 dB	103 dB
/ibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
Controls		JSM	JSM

## MHT 790 - Dimensional drawing

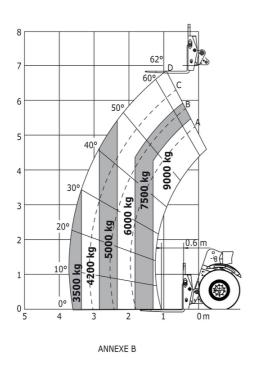




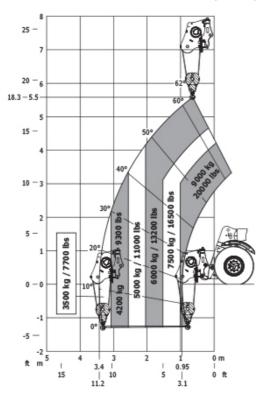


#### MHT 790 - Load chart

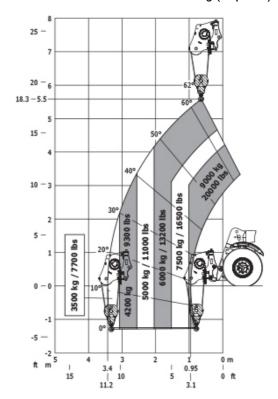
#### Machine on tires with forks LC 600 mm Metric



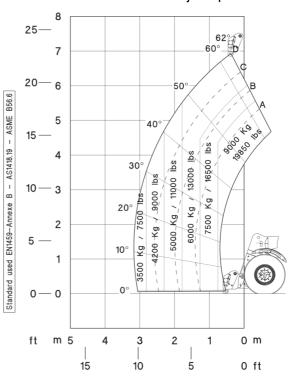
### Machine on tires with winch 9000 kg (Metric)



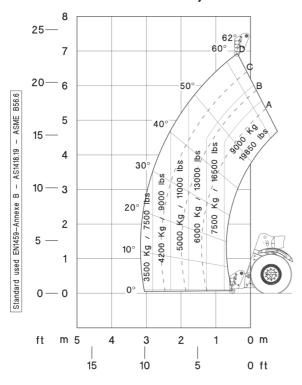
#### Machine on tires with winch 9000 kg (Imperial)



#### Machine on tires with jib Imperial



## Machine on tires with jib Metric







#### **Head Office**

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