Technical sheet:

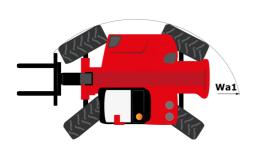
MHT-X 790

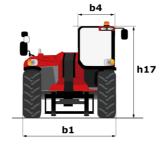


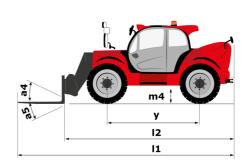


Capacities		Metric	Imperial
Max. capacity		9000 kg	19842 lb
oad center of gravity	С	600 mm	24 in
Max. lifting height		6.84 m	22 ft 5 in
Maximum outreach		3.72 m	12 ft 2 in
Weight and dimensions			
Jnladen weight (with forks)		13160 kg	29013 lb
Ground clearance	m4	0.40 m	1 ft 4 in
Wheelbase	у	2.87 m	9 ft 5 in
ength 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	12 °	12 °
Filt-down angle	a5	125 °	125 °
-	Wa1	4.88 m	125 16 ft
External turning radius (over tyres)			18 ft 4 in
Outer turning radius (with forks)	b15	5.59 m	
orks length / width / section	l/e/s	1200 mm x 200 mm x 60 mm	47 in x 8 in x 2 in
Vheels		A	A TI A O DOO . A 45 (65 DOO 5
Standard tires		Aeolus - TLAG P23 - 445/65 R22,5	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
teering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
ingine			
ingine brand		John Deere	John Deere
ngine norm		Stage IIIA	Stage IIIA
ingine model		4045PWX	4045PWX
lumber of cylinders / Capacity of cylinders		4 - 4500 cm ³	4 - 275 in³
.C. Engine power rating / Power		137 Hp / 102 kW	137 Hp / 102 kW
Max. torque / Engine rotation		534 Nm@1500 rpm	394 ft/lbs@1500 rpm
Engine cooling system			
Battery voltage		Water	Water
Drawbar pull		Water 12 V	Water 12 V
ransmission		12 V	12 V
		12 V	12 V
ransmission type		12 V 10905 daN	12 V 10905 daN
ransmission type lumber of gears (forward / reverse)		12 V 10905 daN Hydrostatic	12 V 10905 daN Hydrostatic
ransmission type lumber of gears (forward / reverse) Aax. travel speed		12 V 10905 daN Hydrostatic 2 / 2	12 V 10905 daN Hydrostatic 2 / 2
Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake		12 V 10905 daN Hydrostatic 2 / 2 30 km/h	12 V 10905 daN Hydrostatic 2 / 2 19 mph
Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake
Tansmission type Jumber of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen)		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic
Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen)		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic
ransmission type Aumber of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 %	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 %
ransmission type Aumber of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Aydraulics Aydraulic pump type Aydraulic flow - Pressure		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump
ransmission type Aumber of gears (forward / reverse) Aux. travel speed Parking brake Service brake Gradeability (laden / unladen) Aydraulics Aydraulic pump type Aydraulic flow - Pressure Fank capacities		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 180 l/min - 270 bar	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 48 US gpm - 3916 PSI
ransmission type Aumber of gears (forward / reverse) Aux. travel speed Parking brake Bervice brake Bradeability (laden / unladen) Alydraulics Alydraulic pump type Alydraulic flow - Pressure Fank capacities		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 180 l/min - 270 bar	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 48 US gpm - 3916 PSI 3 US gal
ransmission type Aumber of gears (forward / reverse) Aux. travel speed Parking brake Service brake Gradeability (laden / unladen) Alydraulics Alydraulic pump type Alydraulic flow - Pressure Fank capacities Ingine oil		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 180 l/min - 270 bar	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 48 US gpm - 3916 PSI
Fransmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow - Pressure Fank capacities Engine oil Fuel tank Voise and vibration		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 180 l/min - 270 bar	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 48 US gpm - 3916 PSI 3 US gal 40 US gal
Fransmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow - Pressure Frank capacities Engine oil Euel tank Voise and Vibration Noise to environment (LwA)		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 180 l/min - 270 bar 13 I 150 I	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 48 US gpm - 3916 PSI 3 US gal 40 US gal
Fransmission Fransmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow - Pressure Fank capacities Engine oil Fuel tank Noise and vibration Noise to environment (LwA) Vibration on hands/arms		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 180 l/min - 270 bar	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 48 US gpm - 3916 PSI 3 US gal 40 US gal
Fransmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Gradeability (laden / unladen) Hydraulics Hydraulic pump type Hydraulic flow - Pressure Fank capacities Engine oil Fuel tank Noise and vibration Noise to environment (LwA)		12 V 10905 daN Hydrostatic 2 / 2 30 km/h Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 180 l/min - 270 bar 13 I 150 I	12 V 10905 daN Hydrostatic 2 / 2 19 mph Automatic Negative Hand-brake Hydraulic 37.40 % / 48.10 % Variable displacement pump 48 US gpm - 3916 PSI 3 US gal 40 US gal

MHT-X 790 - Dimensional drawing

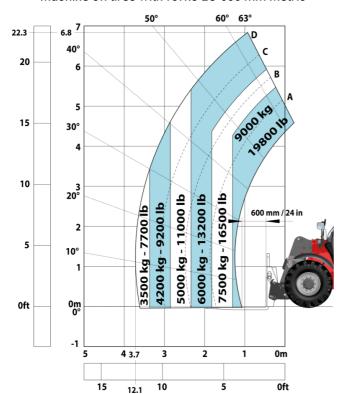




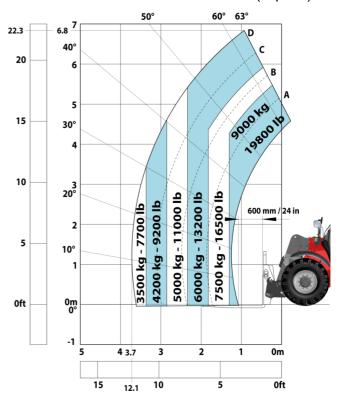


MHT-X 790 - Load chart

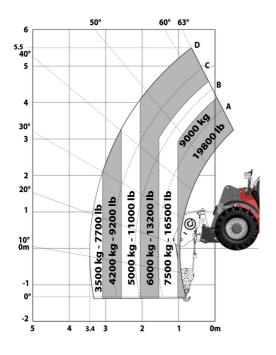
Machine on tires with forks LC 600 mm Metric



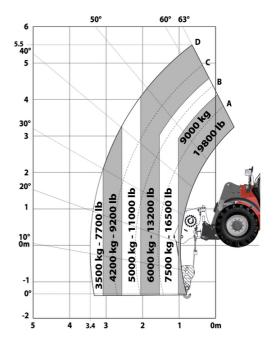
Machine on tires with forks LC 600 mm (Imperial)



Machine on tires with winch 9000 kg (Metric)



Machine on tires with winch 9000 kg (Imperial)



Machine on tires with jib Metric 25-62°, 60° _____ 7 20—₆ Standard used EN1459-Annexe B - AS1418.19 - ASME B56.6 0000 5 40° 15 -7500 Kg / 16500 lbs 6000 Kg / 13000 lbs _5000_Kg / 11000 lbs 30° - - 4200 Kg / 9000 lbs 10 — 3 3500 Kg / 7500 lbs 20° 2 5 -10° 0 -**-** 0

2

10

5

1

0 m

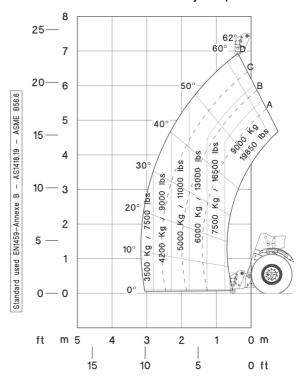
0 ft

m 5

15

ft

Machine on tires with jib Imperial







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