

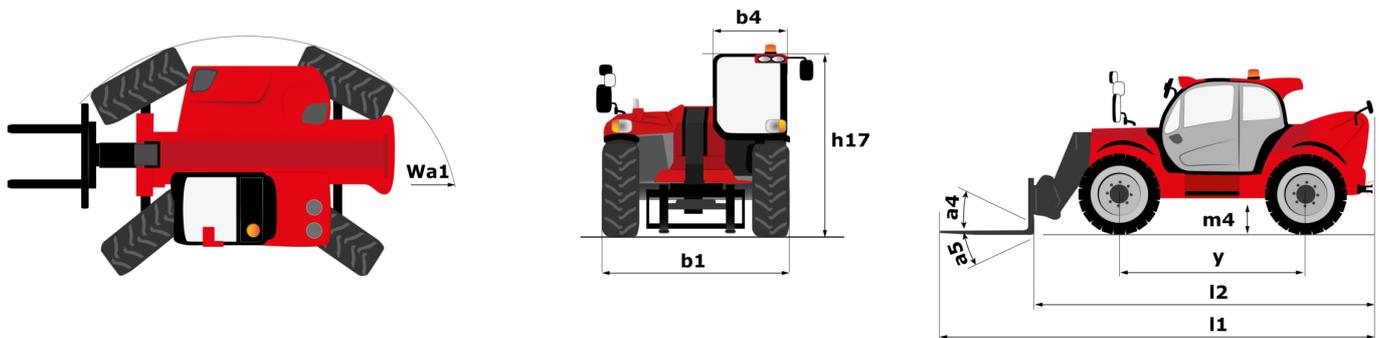
Technical sheet :

MHT-X 790 MINING



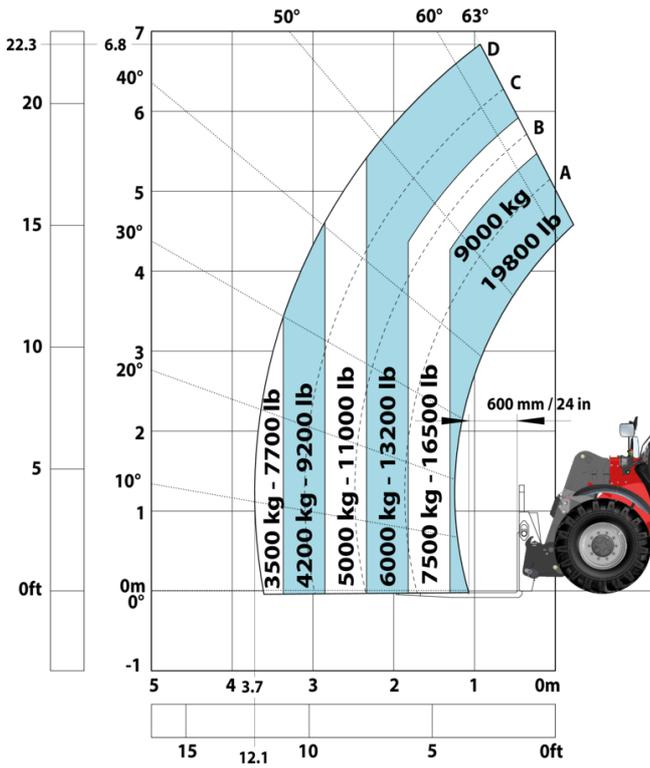
Capacities		Metric
Max. capacity		9000 kg
Load center of gravity	c	600 mm
Max. lifting height		6.80 m
Maximum outreach		3.70 m
Weight and dimensions		
Unladen weight (with forks)		13160 kg
Ground clearance	m4	0.44 m
Wheelbase	y	2.87 m
Length to face of forks	l2	5.21 m
Overall width	b1	2.47 m
Overall height	h17	2.50 m
Overall cab width	b4	0.93 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	125 °
External turning radius (over tyres)	Wa1	4.89 m
Forks 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
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Engine		
Engine brand		John Deere
Engine norm		Stage IIIA
Engine model		4045PWX
Number of cylinders / Capacity of cylinders		4 - 4567 cm³
Engine power (Hp / kW)		143 Hp / 105 kW
Max. torque / Engine rotation		602 Nm@1500 rpm
Engine cooling system		Water
Battery voltage		12 V
Drawbar pull		10905 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 & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		185 l/min - 270 bar
Tank capacities		
Engine oil		13 l
Hydraulic oil		151 l
Fuel		165 l
Noise and vibration		
Noise to environment (LwA)		103 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Safety / Cab certification		Standard EN 15000 - Cabin ROPS - FOPS level 2
Controls		JSM

MHT-X 790 Mining - Dimensional drawing

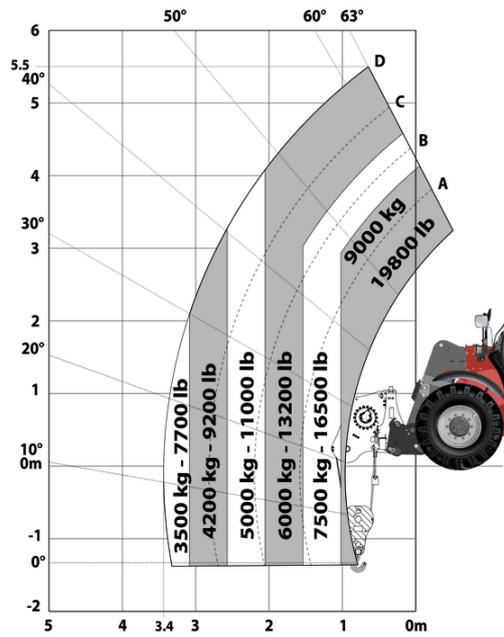


MHT-X 790 Mining - Load chart

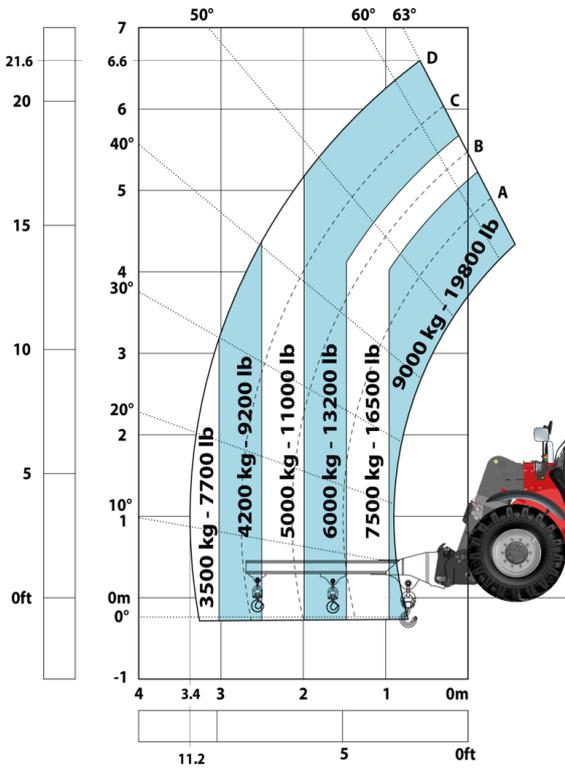
Machine on tires with forks LC 600 mm Metric



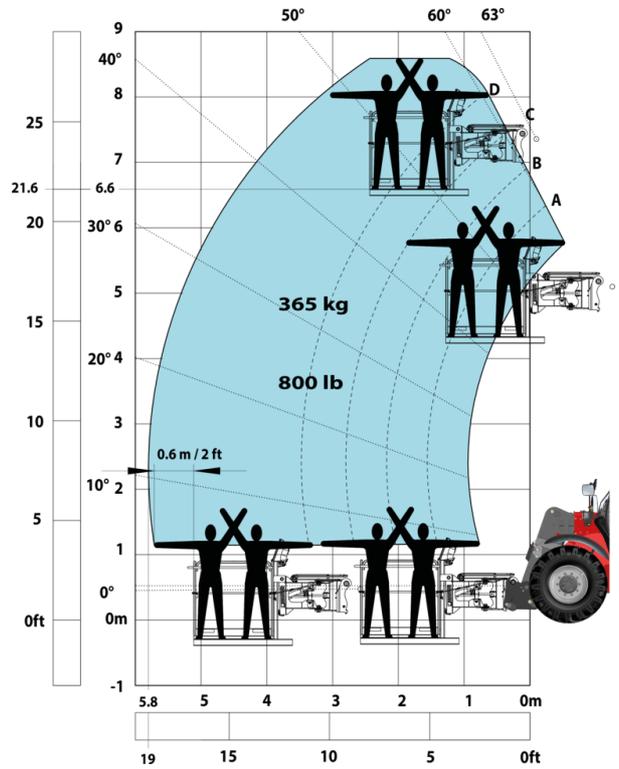
Machine on tires with winch 9000 kg (Metric)



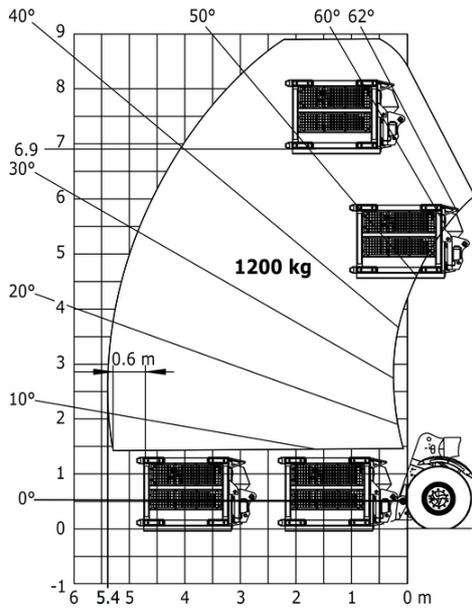
Machine on tires with 3-hook jib 9000 kg (Metric)



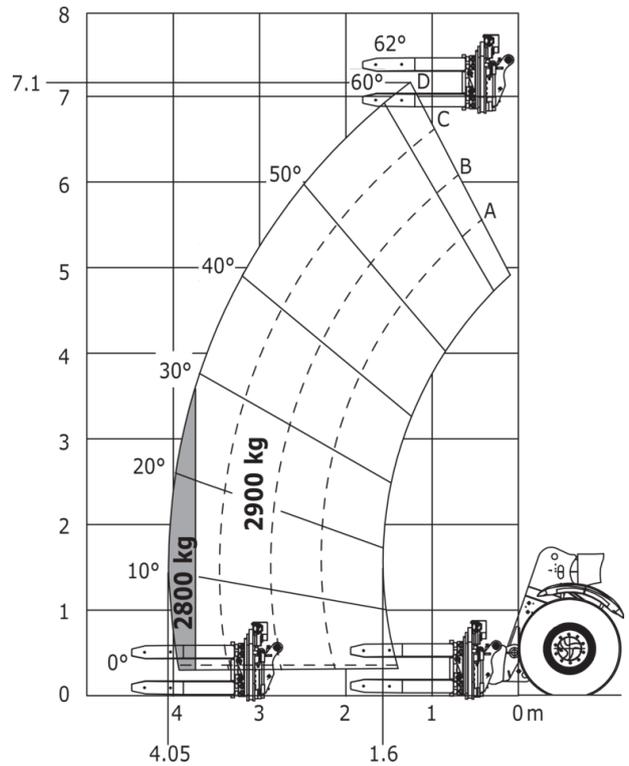
Machine on tires with platform Metric



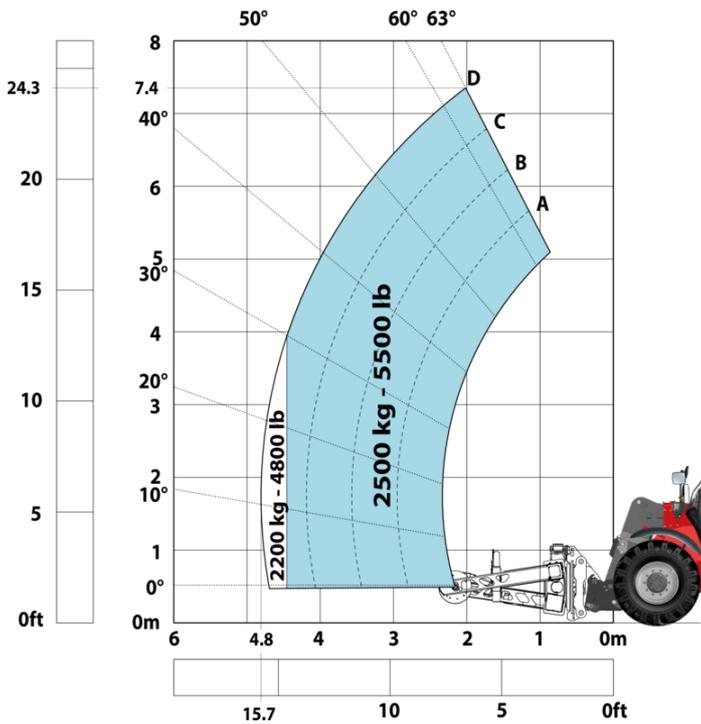
Machine on tires with underground mining platform (Metric)



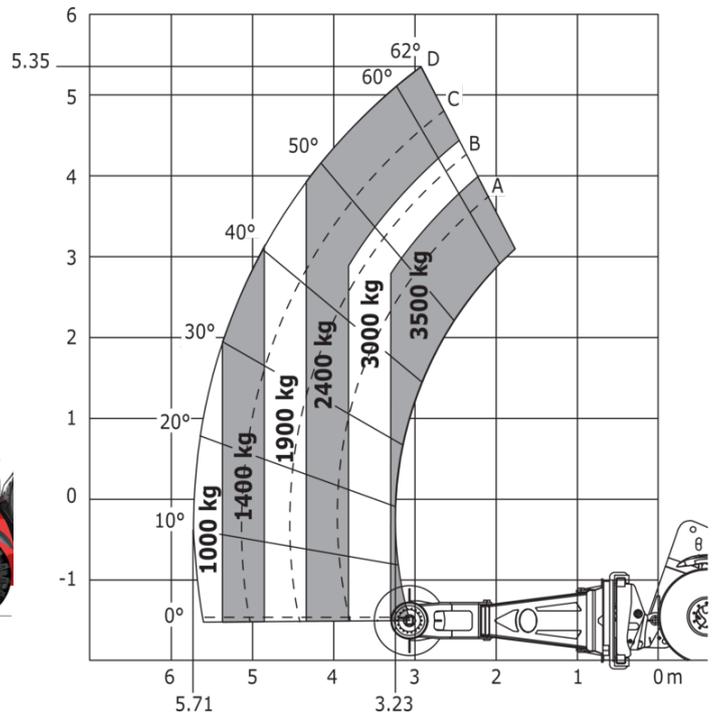
Machine on tires with tire handler TH 35 (Metric)



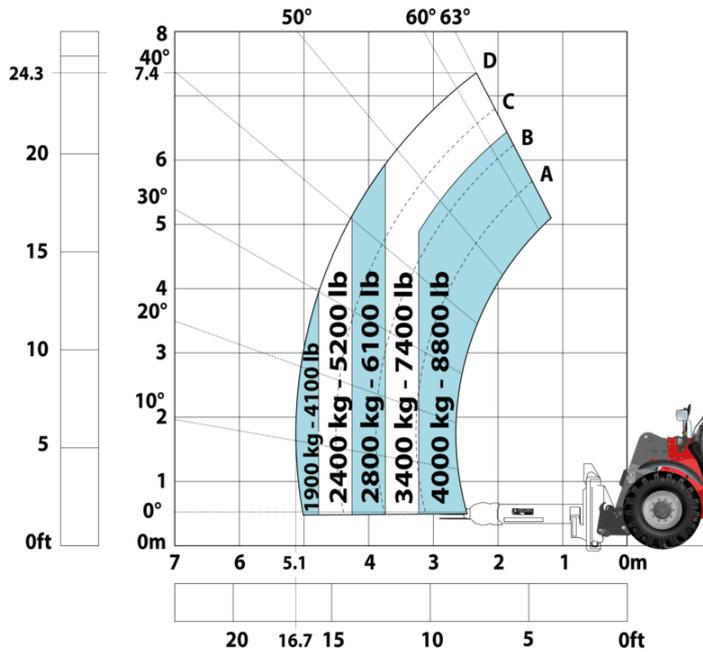
Machine on tires with tire handler TH 49 (Metric)



Machine on tires with tire handler TH 51 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)



Mining Specifications

	MHT-X 790 Mining
Lifting function	
Clamp predisposition (controls from cabin)	S
Comfort Ride Control (CRC) boom suspension	0
Working platform predisposition with remote control	0
Lighting	
Brake Lights ON When Park Brake ON	S
Flat Led Rotating Beacon	S
LED Flashing Lights On Cabin (Marker Lights)	S
LED directional lights	S
LED work lights - On boom head (Telescopic part)	S
LED working lights on cab (x4 : 2 front + 2 rear)	S
Motorization/Power	
Exhaust fume purification system	S
Hydraulic hose sleeve burst protection	0
Metal cyclonic prefilter	S
Radiator safety cap	S
Operator station	
Roof and Windshield Guard	S
Other options	
Lockable battery + starter Isolators + Jump Start Receptacle	S
Secondary functions	
Automatic greasing system (AGS) - Chassis + boom	0
Security	
"Guardian Angel" System	S
360° visibility safety system	S
Boom cylinder lock	S
Emergency steering	0
Emergency stop: 1 in cab, 2 on external	S
Extinguisher brackets (x3)	S
Fire suppression system	0
High visibility reflective strips	S
Loose wheel nut indicators	S
Marking - Warning & Danger decals	S
Mining protection grids: right, left and back windows	S
Rear and lateral camera with cab screen	S
Resettable fuses - MHT's	S
SAHR negative brakes on front & rear axles	S
Steel Protection Guards on all working and road lights	S
System with attachments recognition (E-reco)	S
Wheel chocks	S

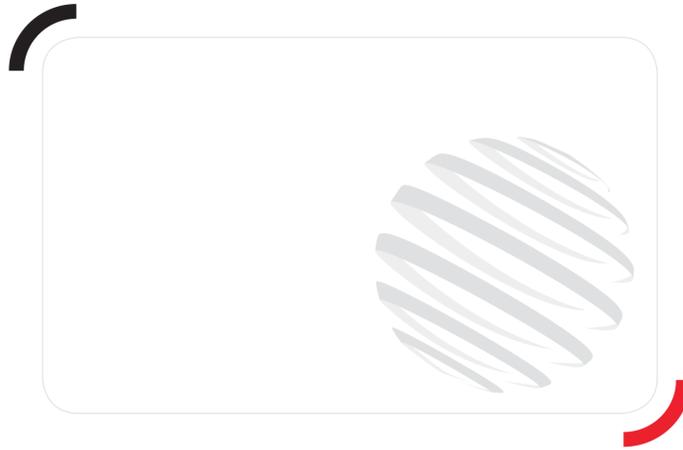
Equipment

Standard

"Guardian Angel" System
360° visibility safety system
Boom cylinder lock
Brake Lights ON When Park Brake ON
Clamp predisposition (controls from cabin)
Emergency stop: 1 in cab, 2 on external
Exhaust fume purification system
Extinguisher brackets (x3)
Flat Led Rotating Beacon
High visibility reflective strips
LED Flashing Lights On Cabin (Marker Lights)
LED directional lights
LED work lights - On boom head (Telescopic part)
LED working lights on cab (x4 : 2 front + 2 rear)
Lockable battery + starter Isolators + Jump Start Receptacle
Loose wheel nut indicators
Marking - Warning & Danger decals
Metal cyclonic prefilter
Mining protection grids: right, left and back windows
Radiator safety cap
Rear and lateral camera with cab screen
Resettable fuses - MHT's
Roof and Windshield Guard
SAHR negative brakes on front & rear axles
Steel Protection Guards on all working and road lights
System with attachments recognition (E-reco)
Wheel chocks

Optional

Automatic greasing system (AGS) - Chassis + boom
Comfort Ride Control (CRC) boom suspension
Emergency steering
Fire suppression system
Hydraulic hose sleeve burst protection
Working platform predisposition with remote control



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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