Technical sheet :

MHT-X 790 MINING



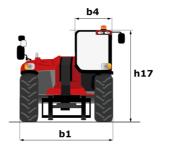


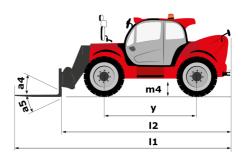
мнт-х 790 мінінд Created on 30 April 2024 at 7:59:16 PM UTC

Capacities	Metric
Max. capacity	9000 kg
Load center of gravity	c 600 mm
Max. lifting height	6.80 m
Max. nutreach	3.70 m
Weight and dimensions	5./0 m
Unladen weight (with forks)	13160 kg
Ground clearance	m4 0.44 m
Wheelbase	
	y 2.87 m 12 5.21 m
Length to face of forks	
Overall width	b1 2.47 m
Overall height	h17 2.50 m
Overall cab width	b4 0.93 m
Tilt-down angle	a5 125°
Tilt-up angle	a4 12 °
External turning radius (over tyres)	Wa1 4.89 m
Forks length / width / section	l / e / s 1200 mm x 200 mm / 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
Number of cylinders / Capacity of cylinders	4 - 4567 cm ³
I.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	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	uxico Uxico
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 270 bar
Tank capacities	
Engine oil	13
Hydraulic oil	151
Fuel tank	165
Noise and vibration	
Noise at driving position (LpA)	79.70 dB
Noise to environment (LwA)	103 dB
Vibration on hands/arms	< 2.50 m/s ²
Miscellaneous	
Safety / Safety cab homologation	Standard EN 15000 - ROPS - FOPS level 2 cab
Controls	JSM

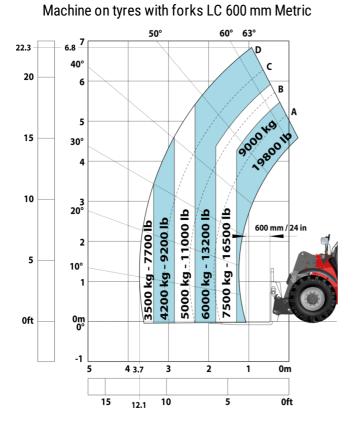
MHT-X 790 Mining - Dimensional drawing



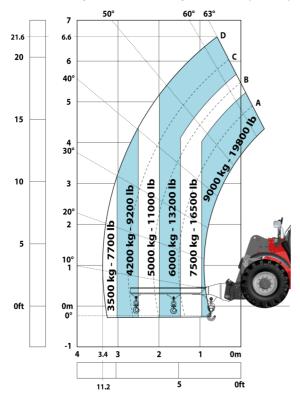




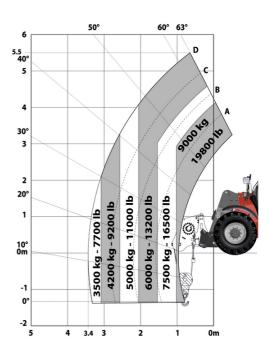
MHT-X 790 Mining - Load chart



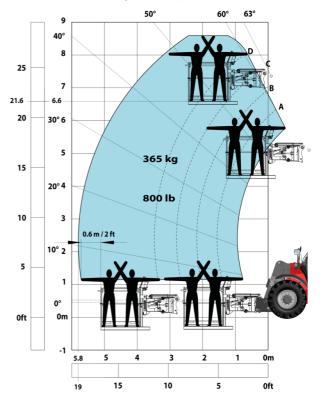
Machine on tyres with 3-hook jib 9000 kg (Metric)



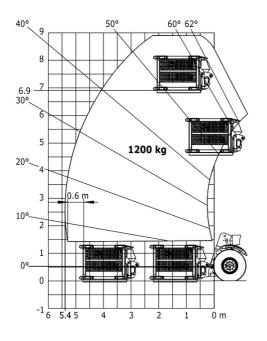
Machine on tyres with winch 9000 kg (Metric)



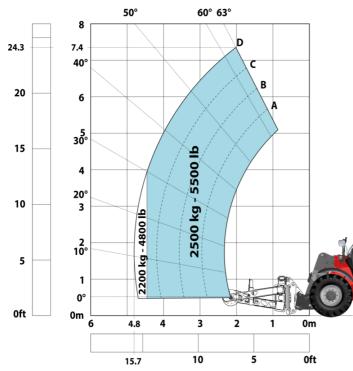
Machine on tyres with platform Metric



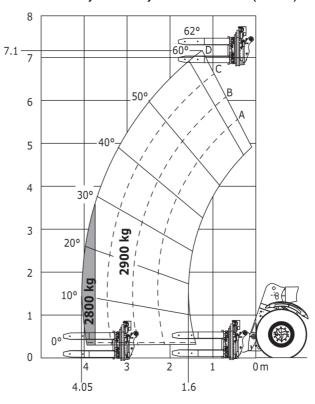
Machine on tyres with underground mining platform (Metric)



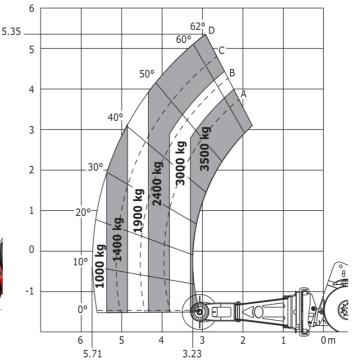
Machine on tyres with tyre handler TH 49 (Metric)



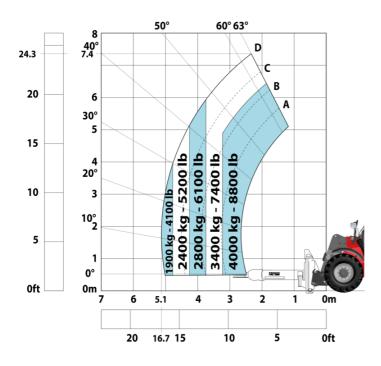
Machine on tyres with tyre handler TH 35 (Metric)



Machine on tyres with tyre handler TH 51 (Metric)



Machine on tyres 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 tramming lights	S
LED work lights on the boom (x2)	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
Radiator safety cap	S
Operator station	
Roof and Windshield Guard	S
Other options	
Battery + Starter Isolators + Jump Start Receptacle	S
Secondary functions	
Automatic Greasing System (AGS) - chassis + boom	0
Security	
"Guardian Angel" System Level 1	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
Fuse board protection - MHT's	S
High visibility reflective strips	S
Loose wheel nut indicators	S
Marking - Warning & Danger decals	S
Mining protection grids: right, left and back windows	S
Negative brakes on front & rear axles	S
Rear and lateral camera with cab screen	S
Steel Protection Guards on all working and road lights	S
System with attachments recognition (E-reco)	S

Equipment

Standard
"Guardian Angel" System Level 1
360° visibility safety system
Battery + Starter Isolators + Jump Start Receptacle
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
Fuse board protection - MHT's
High visibility reflective strips
LED Flashing Lights On Cabin (Marker Lights)
LED tramming lights
LED work lights on the boom (x2)
LED working lights on cab (x4 : 2 front + 2 rear)
Loose wheel nut indicators
Marking - Warning & Danger decals
Mining protection grids: right, left and back windows
Negative brakes on front & rear axles
Radiator safety cap
Rear and lateral camera with cab screen
Roof and Windshield Guard
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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