Technical sheet:

# MHT-X 790 MINING

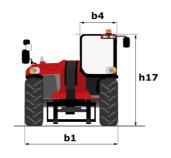


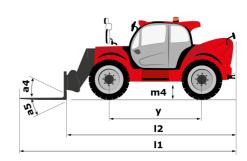


Capacities	Metric
Max. capacity	9000 kg
Load center of gravity	c 600 mm
Max. lifting height	6.80 m
Max. outreach	3.70 m
Weight and dimensions	
Unladen weight (with forks)	13160 kg
Ground clearance	m4 0.44 m
Wheelbase	y 2.87 m
Length to face of forks	l2 5.21 m
Overall width	b1 2.47 m
Overall height	h17 2.50 m
Overall cab width	b4 0.93 m
Tilt-down angle	a5 125 °
Tilt-up angle	a4 12 °
External turning radius (over tyres)	Wa1 4.89 m
Forks length / width / section	I / e / s 1200 mm x 200 mm / 60 mm
Wheels	17 C 7 S
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 mod
Engine	2 WHEET Steet, 4 WHEET Steet, Glab HIGG
Engine brand	John Deere
Engine norm	Stage IIIA
Number of cylinders / Capacity of cylinders	4 - 4567 cm³
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
	12 V 10905 daN
Drawbar pull Transmission	10903 dain
	Hudrostatio
Transmission type	Hydrostatic 2 / 2
Number of gears (forward / reverse)	2 / 2 35 km/h
Max. travel speed	
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front axles
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 270 bar
Tank capacities	
Engine oil	13
Hydraulic oil	151 I
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/s²
Miscellaneous	2.30 m/s
Safety / Safety cab homologation	Standard EN 15000 - ROPS - FOPS level 2
Controls	JSM

# MHT-X 790 Mining - Dimensional drawing

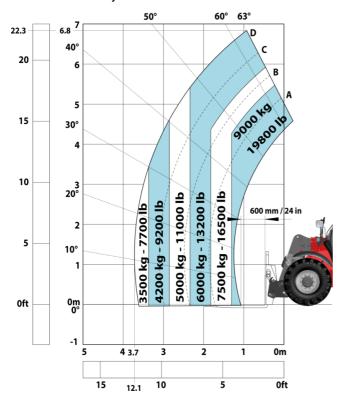




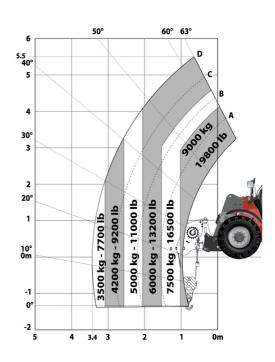


## MHT-X 790 Mining - Load chart

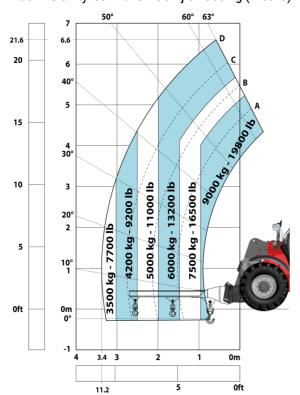
### Machine on tyres with forks LC 600 mm Metric



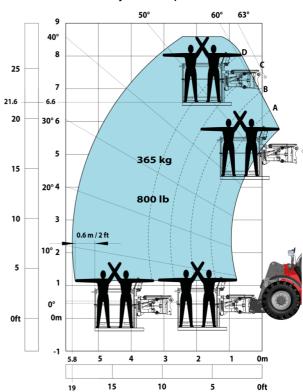
### Machine on tyres with winch 9000 kg (Metric)



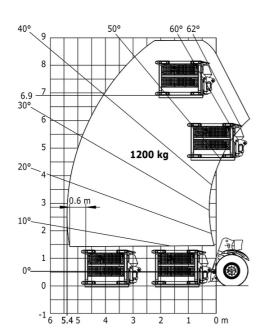
Machine on tyres with 3-hook jib 9000 kg (Metric)



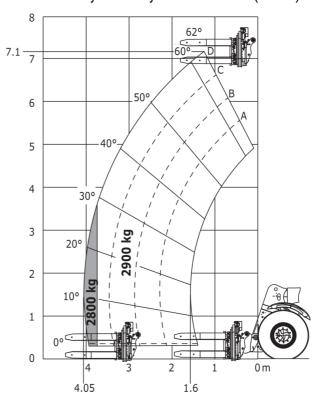
### Machine on tyres with platform Metric



Machine on tyres with underground mining platform (Metric)

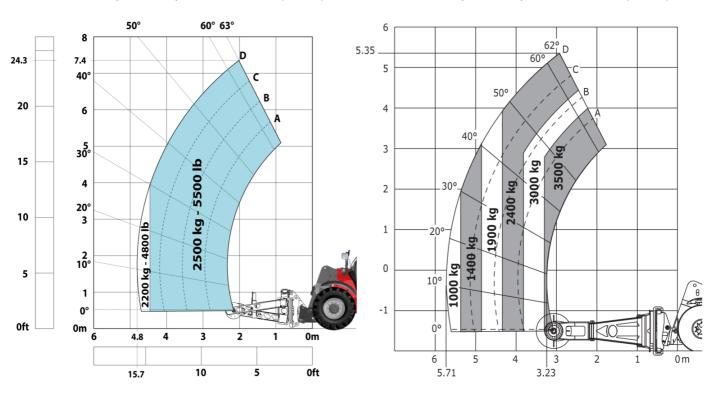


Machine on tyres with tyre handler TH 35 (Metric)

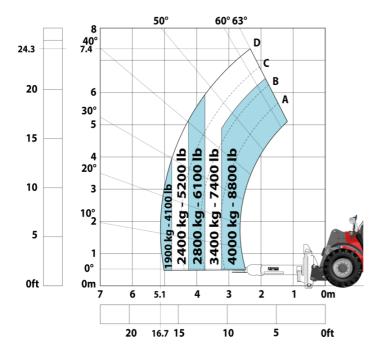


Machine on tyres with tyre handler TH 49 (Metric)

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
Wheel chocks	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





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