Technical sheet:

MHT-X 790 MINING

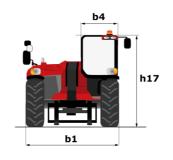


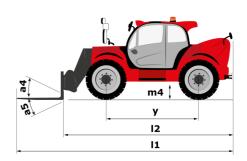


Capacities	Metric	
Max. capacity	9000 kg	
oad center of gravity	c 600 mm	
Max. lifting height	6.80 m	
Max. outreach	3.70 m	
Weight and dimensions		
Jnladen weight (with forks)	13160 kg	
Ground clearance	m4 0.44 m	
Vheelbase	y 2.87 m	
ength to face of forks	12 5.21 m	
Overall width	b1 2.47 m	
Overall height	h17 2.50 m	
Overall cab width	b4 0.93 m	
Filt-down angle	a5 125 °	
Filt-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		
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 cm³	
.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 bra	ko
raikilig blake	Oil-immersed multi-discs braking on fi	
Service brake	axles	uiit a lea
Hydraulics		
Hydraulic pump type	Variable displacement pump	
Hydraulic flow - Pressure	185 l/min - 270 bar	
Fank capacities		
Engine oil	13	
Hydraulic oil	151	
Fuel tank	165 I	
Voise and vibration	1031	
	79.70 dB	
Noise at driving position (LpA)		
Noise to environment (LwA)	103 dB	
Vibration on hands/arms	< 2.50 m/s²	
Miscellaneous		
Safety / Safety cab homologation	Standard EN 15000 - ROPS - FOPS lev	ei 2 cab

MHT-X 790 Mining - Dimensional drawing

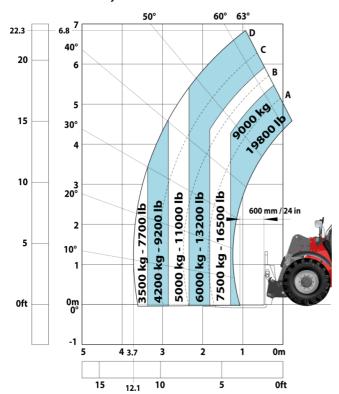




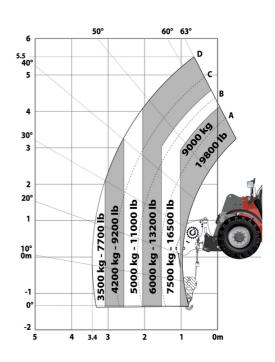


MHT-X 790 Mining - Load chart

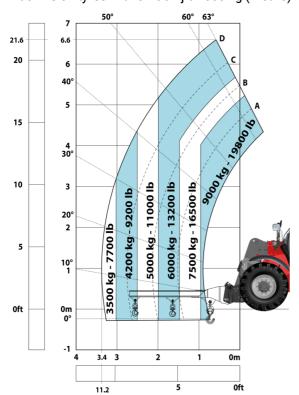
Machine on tyres with forks LC 600 mm Metric



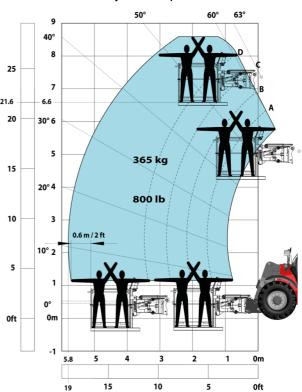
Machine on tyres with winch 9000 kg (Metric)



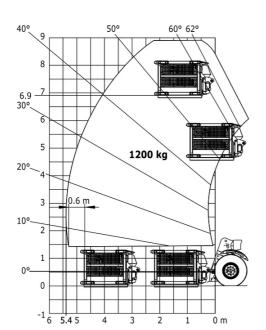
Machine on tyres with 3-hook jib 9000 kg (Metric)



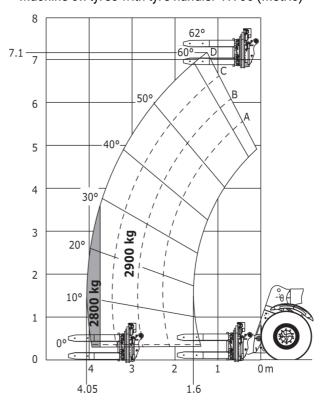
Machine on tyres with platform Metric



Machine on tyres with underground mining platform (Metric)

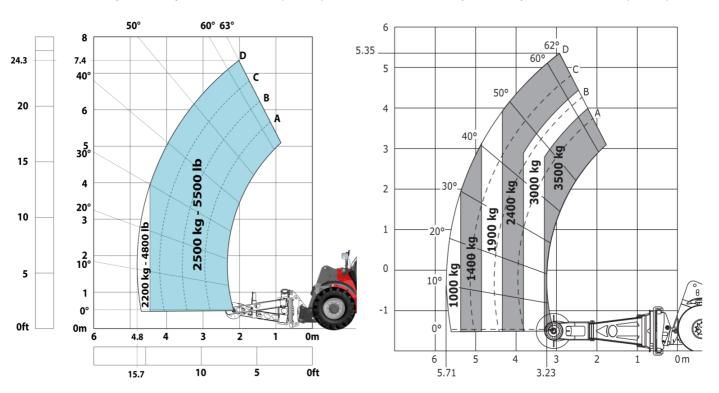


Machine on tyres with tyre handler TH 35 (Metric)

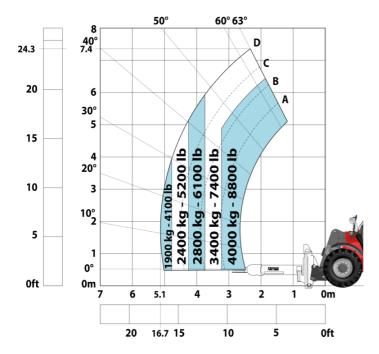


Machine on tyres with tyre handler TH 49 (Metric)

Machine on tyres with tyre handler TH 51 (Metric)



Machine on tyres with cylinder handler CH 4 (Metric)



Mining Specifications

Lifting function Clamp predisposition (controls from cabin) S Comfort Ride Control (CRC) boom suspension O Working platform predisposition with remote control Lighting Brake Lights ON When Park Brake ON Flat Led Rotating Beacon LED Flashing Lights On Cabin (Marker Lights) S LED tramming lights LED work lights on the boom (x2) LED working lights on cab (x4 : 2 front + 2 rear) Motorization/Power Exhaust furne purification system Hydraulic hose sleeve burst protection Radiator safety cap Operator station Roof and Windshield Guard Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 S60" wisibility safety system S70 Security "Guardian Angel" System Level 1 S70 Wisibility safety system S70 Security S71 In cab, 2 on external Extinguisher brackets (x3) S72 Fire suppression system S73 Operator station S74 Security S75 Security S75 Security S77 Security S77 Security S78 Security		MHT-X 790 Mining
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System with attachments recognition (E-reco)	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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