Technical sheet:

MHT 790 MINING ST5

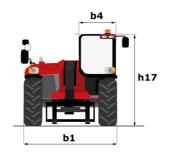


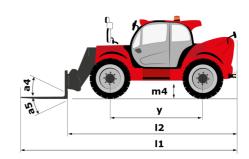


Capacities	Metric	
Max. capacity	9000 kg	
oad center of gravity	c 600 mm	
Max. lifting height	6.80 m	
Maximum outreach	3.70 m	
Weight and dimensions		
Overall length	l1 6.41 m	
Inladen weight (with forks)	13160 kg	
Ground clearance	m4 0.44 m	
/heelbase	y 2.87 m	
ength to face of forks	l2 5.21 m	
Overall width	b1 2.47 m	
Overall height	h17 2.50 m	
Overall cab width	b4 0.93 m	
ïlt-up angle	a4 12°	
ilt-down angle	a5 125°	
external turning radius (over tyres)	Wa1 4.89 m	
Forks length / width / section	I / e / s 1200 mm x 200 mm x 60 mm	
Vheels Control of the		
Standard tires	445/65 R22,5	
lumber of front wheels / rear wheels	2/2	
teering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2/2	
teering mode	2 wheel steer, 4 wheel steer, Crab m	ode
ingine	2 micel deed, 1 micel deed, diability	oue
Engine brand	Yanmar	
Engine norm	Stage V, Tier 4	
ingine model	4TN107HT-5SMUF	
lumber of cylinders / Capacity of cylinders	4 - 4567 cm³	
C. Engine power rating / Power	143 Hp / 105 kW	
Aax. torque / Engine rotation	602 Nm@1500 rpm	
Engine cooling system	Water	
Battery voltage	12 V	
Drawbar pull	10905 daN	
Transmission	10903 uaiv	
	Lludroatatio	
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 from axles	III & IE
lydraulics		
lydraulic pump type	Variable displacement pump	
lydraulic flow - Pressure	185 l/min - 270 bar	
Tank capacities		
ingine oil	13	
uel tank	165	
loise and vibration		
loise to environment (LwA)	103 dB	
fibration on hands/arms	< 2.50 m/s ²	
Miscellaneous	· 2.50 II/3	
Safety / Cab certification	Standard EN 15000 - Cabin ROPS - FOPS	love!
Controls	JSM	

MHT 790 Mining ST5 - Dimensional drawing

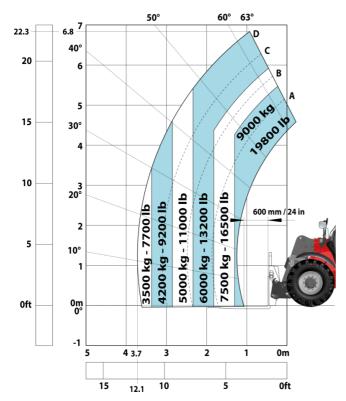




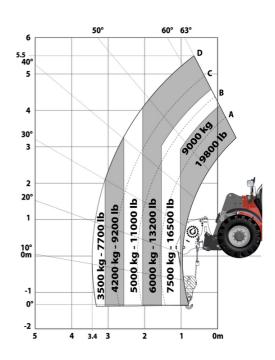


MHT 790 Mining ST5 - Load chart

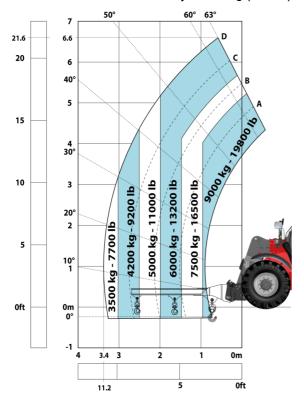
Machine on tires with forks LC 600 mm Metric



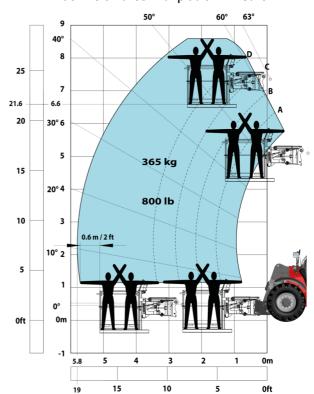
Machine on tires with winch 9000 kg (Metric)



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

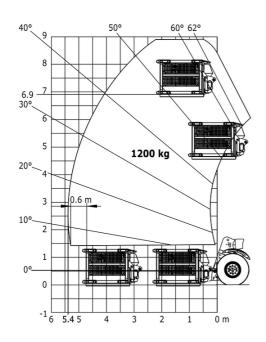


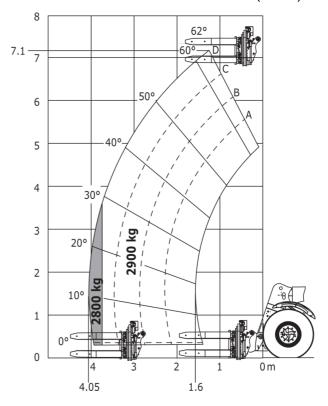
Machine on tires with platform Metric



Machine on tires with underground mining platform (Metric)

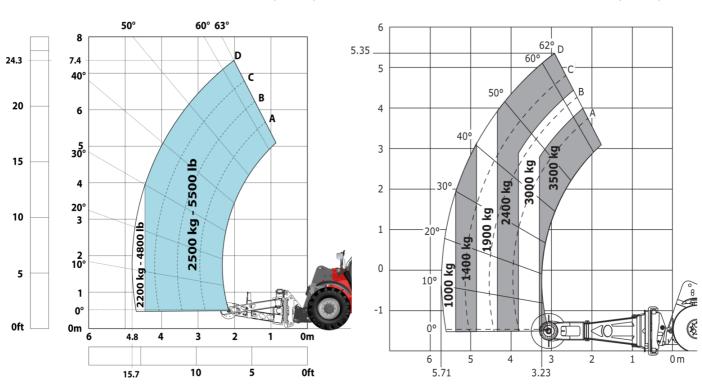
Machine on tires with tire handler TH 35 (Metric)



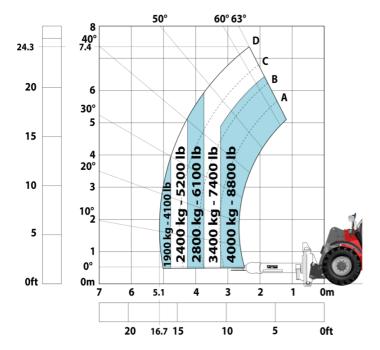


Machine on tires with tire handler TH 49 (Metric)

Machine on tires with tire handler TH 51 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)



Mining Specifications

Lifting function	
Camera in boom head with screen in cab	
Clamp predisposition (controls from cabin)	
Comfort Ride Control (CRC) boom suspension	
Vorking platform predisposition with remote control	
ighting	
rake Lights ON When Park Brake ON	
lat Led Rotating Beacon	
ED Flashing Lights On Cabin (Marker Lights)	
ED tramming lights	
ED work lights - On the top of the boom (fixed part) (x2)	
ED working lights on cab (x4 : 2 front + 2 rear)	
otorization/Power	
ydraulic hose sleeve burst protection	
ladiator safety cap	
Operator station	
oof and Windshield Guard	
Other options	
attery + Starter Isolators + Jump Start Receptacle	
stainless steel tool box	
neumatics	
teel mudguards	
econdary functions	
utomatic greasing system (AGS) - Chassis + boom	
ast fuel filling system	
ecurity	
uardian Angel" System Level 1	
0° visibility safety system	
om cylinder lock	
mergency steering	
nergency stop by safety valve	
nergency stop: 1 in cab, 2 on external	
ngine compartment fire prevention kit	
xtinguisher brackets (x3)	
ire suppression system	
use board protection - MHT's	
ligh visibility reflective strips	
oose wheel nut indicators	
Marking - Warning & Danger decals	
fining protection grids: right, left and back windows	
legative brakes on front & rear axles	
ear bumper	
ight side bumper	
Steel Protection Guards on all working and road lights	
Steel Protection Guards on all working and road lights System with attachments recognition (E-reco)	

Equipment

"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 steering

Emergency stop: 1 in cab, 2 on external

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 top of the boom (fixed part) (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

Roof and Windshield Guard

Stainless steel tool box

Steel Protection Guards on all working and road lights

System with attachments recognition (E-reco)

Wheel chocks

Working platform predisposition with remote control

Optional

Automatic greasing system (AGS) - Chassis + boom

Camera in boom head with screen in cab

Comfort Ride Control (CRC) boom suspension

Emergency stop by safety valve

Engine compartment fire prevention kit

Fast fuel filling system

Fire suppression system

Hydraulic hose sleeve burst protection

Rear bumper

Right side bumper

Steel mudguards





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