Technical sheet:

MHT-X 790 MINING

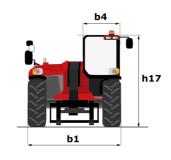


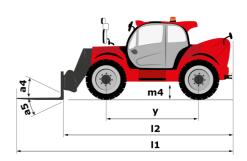


| Capacities | | Metric |
|---|-------|---|
| Max. capacity | | 9000 kg |
| Load center of gravity | c | 600 mm |
| | C | 6.80 m |
| Max. lifting height | | |
| Max. outreach | | 3.70 m |
| Veight and dimensions | | 13160 kg |
| Inladen weight (with forks) Ground clearance | m4 | 0.44 m |
| Vheelbase | m4 | 0.44 m 2.87 m |
| | y | |
| 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 |
| orks 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 brake |
| | | Oil-immersed multi-discs braking on front & rea |
| Service brake | | axles |
| Hydraulics | | |
| Hydraulic pump type | | Variable displacement pump |
| Hydraulic flow - Pressure | | 185 l/min - 270 bar |
| Tank capacities | | |
| Engine oil | | 13 |
| łydraulic oil | | 151 I |
| Fuel tank | | 165 l |
| 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

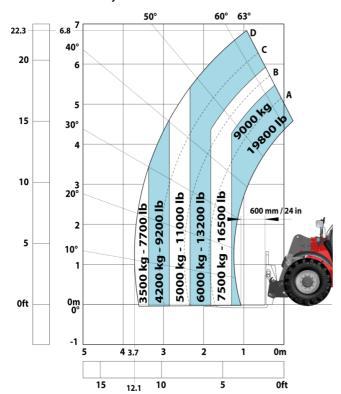




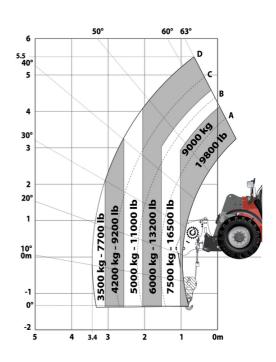


MHT-X 790 Mining - Load chart

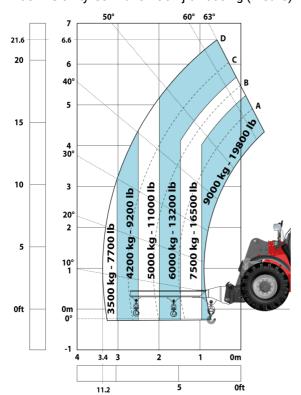
Machine on tyres with forks LC 600 mm Metric



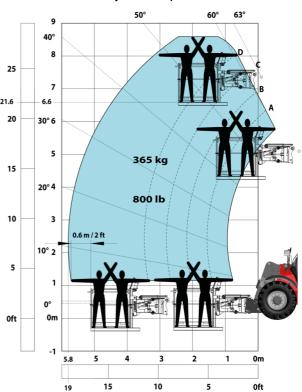
Machine on tyres with winch 9000 kg (Metric)



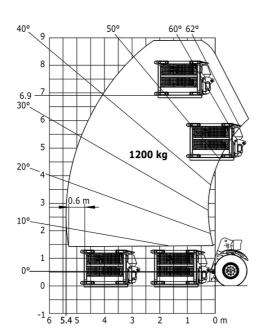
Machine on tyres with 3-hook jib 9000 kg (Metric)



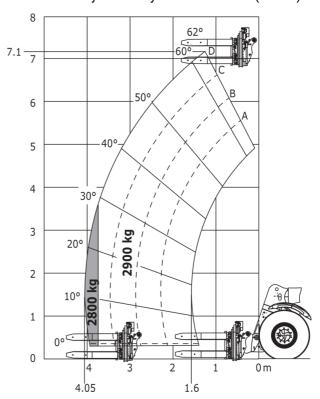
Machine on tyres with platform Metric



Machine on tyres with underground mining platform (Metric)

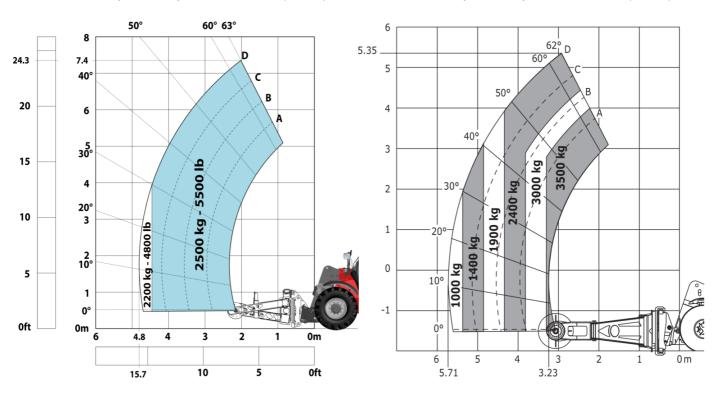


Machine on tyres with tyre handler TH 35 (Metric)

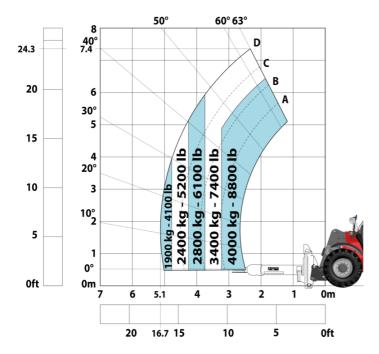


Machine on tyres with tyre handler TH 49 (Metric)

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 | \$ |
| Rear and lateral camera with cab screen | S |
| Steel Protection Guards on all working and road lights | \$ |
| 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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