Technical sheet :

MHT-X 790 MINING ST3A



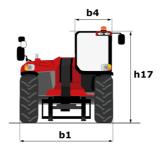


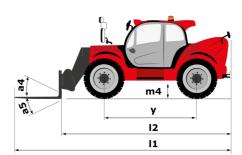
мнт-х 790 мінінд sтза Created on August 3, 2025 at 12:30 AM UTC

| Capacities | Metric | |
|---|--|-----------------|
| Max. capacity | 9000 kg | |
| .oad center of gravity | c 600 mm | |
| fax. lifting height | 6.80 m | |
| /aximum outreach | 3.70 m | |
| Veight and dimensions | | |
| Inladen weight (with forks) | 13160 kg | |
| round clearance | m4 0.44 m | |
| Vheelbase | y 2.87 m | |
| ength to face of forks | l2 5.21 m | |
| Verall width | b1 2.47 m | |
|)verall height | h17 2.50 m | |
| Overall cab width | b4 0.93 m | |
| ïlt-up angle | a4 12 ° | |
| ïlt-down angle | a5 125 ° | |
| External turning radius (over tyres) | Wa1 4.89 m | |
| orks length / width / section | l / e / s 1200 mm x 200 mm x 60 |) mm |
| Wheels | | |
| Standard tires | 445/65 R22,5 | |
| Jumber 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, 0 | Crab mode |
| ingine | | |
| Engine brand | Yanmar | |
| Engine norm | Stage IIIA | |
| Engine model | 4TN107HT-5SMUF | |
| Number of cylinders / Capacity of cylinders | 4 - 4567 cm ³ | |
| .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 | |
| Fransmission | | |
| ransmission type | Hydrostatic | |
| Number of gears (forward / reverse) | 2/2 | |
| Max. travel speed | 272 35 km/h | |
| arking brake | | a braka |
| | Automatic negative parking Oil-immersed multi-discs braking | |
| Service brake | axles | |
| lydraulics | | |
| lydraulic pump type | Variable displacement p | ump |
| Hydraulic flow - Pressure | 185 l/min - 270 bar | |
| Tank capacities | | |
| ingine oil | 13 | |
| uel tank | 1651 | |
| loise and vibration | | |
| Joise to environment (LwA) | 103 dB | |
| /ibration on hands/arms | < 2.50 m/s ² | |
| Viscellaneous | | |
| Safety / Cab certification | Standard EN 15000 - Cabin ROPS | - EOPS level |
| Controls | JSM | . 01 0 10 10 12 |

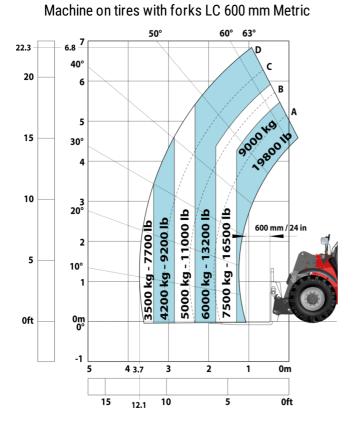
MHT-X 790 Mining ST3A - Dimensional drawing



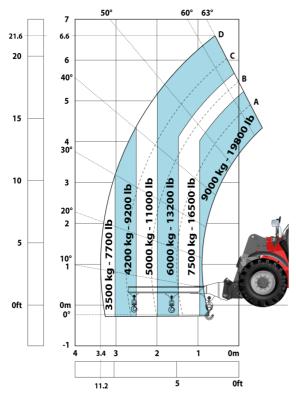




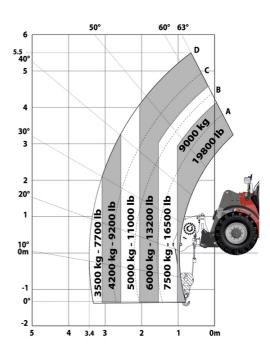
MHT-X 790 Mining ST3A - Load chart



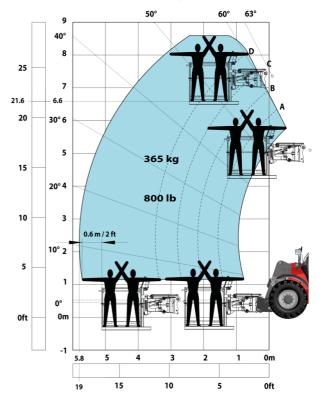
Machine on tires with 3-hook jib 9000 kg (Metric)



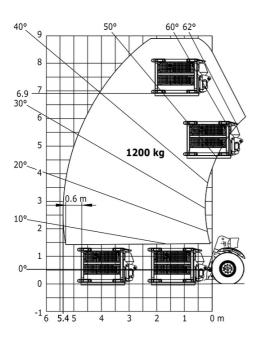
Machine on tires with winch 9000 kg (Metric)



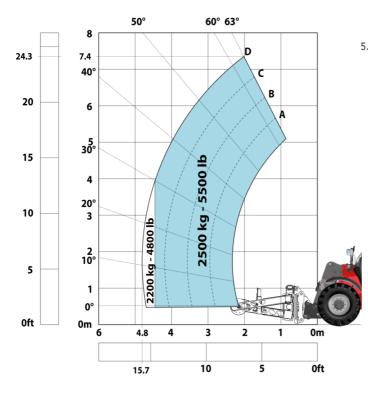
Machine on tires with platform Metric



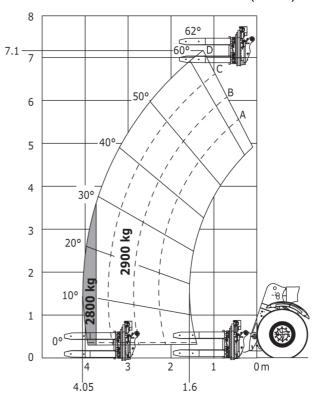
Machine on tires with underground mining platform (Metric)



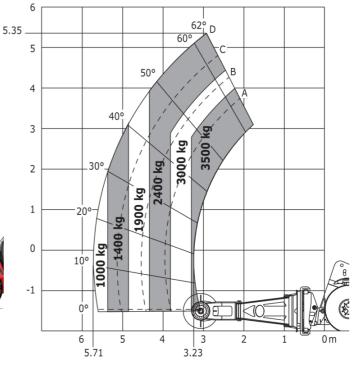
Machine on tires with tire handler TH 49 (Metric)



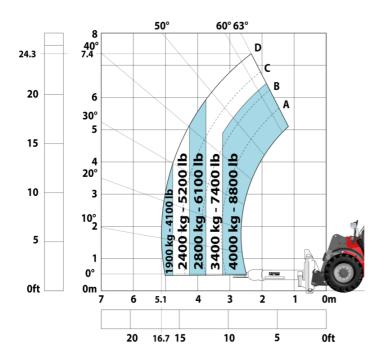
Machine on tires with tire handler TH 35 (Metric)



Machine on tires with tire handler TH 51 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)



Mining Specifications

| | MHT-X 790 Mining ST3A |
|---|---|
| Lifting function | |
| Clamp predisposition (controls from cabin) | S |
| Comfort Ride Control (CRC) boom suspension | 0 |
| Working platform predisposition with remote control | S |
| 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 top of the boom (fixed part) (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 |
| Pneumatics | , , , , , , , , , , , , , , , , , , , |
| Steel mudguards | 0 |
| Secondary functions | , in the second s |
| Automatic greasing system (AGS) - Chassis + boom | 0 |
| Fast fuel filling system | 0 |
| Security | Ŭ |
| "Guardian Angel" System Level 1 | S |
| 360° visibility safety system | S |
| Boom cylinder lock | S |
| Emergency steering | S |
| Emergency stop by safety valve | 0 |
| Emergency stop: 1 in cab, 2 on external | S |
| Engine compartment fire prevention kit | 0 |
| 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 |
| Maning - warning & Danger decars Mining protection grids: right, left and back windows | S |
| Negative brakes on front & rear axles | S |
| Rear and lateral camera with cab screen | S |
| | |
| Rear bumper | 0 |
| Right side bumper | 0 |
| 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 steering |
| 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 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 |
| 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 |
| Working platform predisposition with remote control |

Optional

| Automatic greasing system (AGS) - Chassis + boom |
|--|
| 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 |



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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