

Technical sheet :

MT-X 733 MINING



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|-----------|--|
| Max. capacity | | 3300 kg |
| Max. lifting height | | 6.90 m |
| Max. outreach | | 3.90 m |
| Breakout force with bucket | | 7400 daN |
| Weight and dimensions | | |
| Overall length to carriage | l11 | 4.74 m |
| Length to face of forks | l2 | 4.76 m |
| Overall width | b1 | 2.26 m |
| Overall height | h17 | 2.30 m |
| Wheelbase | y | 2.81 m |
| Ground clearance | m4 | 0.45 m |
| Overall cab width | b4 | 0.89 m |
| Tilt-up angle | a4 | 12 ° |
| Tilt-down angle | a5 | 114 ° |
| External turning radius (over tyres) | Wa1 | 3.80 m |
| Unladen weight (with forks) | | 6620 kg |
| Overall weight | | 6620 kg |
| Tires type | | Pneumatic |
| Standard tires | | Alliance 400/80 - 24 - 162A8 |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm / 45 mm |
| Performances | | |
| Lifting | | 7.20 s |
| Lowering | | 5.50 s |
| Extension | | 6.50 s |
| Retraction | | 5.40 s |
| Crowd | | 2.90 s |
| Dump | | 2.80 s |
| Engine | | |
| Engine brand | | Perkins |
| Engine norm | | Stage IIIA |
| Engine model | | 1104D-44 T |
| Number of cylinders / Capacity of cylinders | | 4 - 4400 cm³ |
| I.C. Engine power rating - Power | | 95 Hp / 70 kW |
| Max. torque / Engine rotation | | 392 Nm @ 1400 rpm |
| Drawbar pull (Laden) | | 9000 daN |
| Transmission | | |
| Transmission type | | Torque converter |
| Number of gears (forward / reverse) | | 3 / 3 |
| Max. travel speed | | 15 km/h |
| Parking brake | | Manual |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles |
| Hydraulics | | |
| Hydraulic pump type | | Gear pump |
| Hydraulic flow / Pressure | | 104 l/min-250 bar |
| Tank capacities | | |
| Engine oil | | 10 l |
| Hydraulic oil | | 128 l |
| Fuel tank | | 120 l |
| Noise and vibration | | |
| Noise at driving position (LpA) | | 78 dB |
| Noise to environment (LWA) | | 104 dB |
| Vibration on hands/arms | | < 2.50 m/s² |
| Miscellaneous | | |
| Steering wheels (front / rear) | | 2 / 2 |
| Drive wheels (front / rear) | | 2 / 2 |
| Safety / Safety cab homologation | | Standard EN 15000 / ROPS - FOPS level 2 cab |
| Controls | | JSM |

MT-X 733 Mining - Load chart

Machine on tyres with forks Metric



Machine on tyres with tyre handler TH 33 (Metric)



Mining Specifications

| | MTX 733 Mining |
|---|----------------|
| Lifting function | |
| Clamp predisposition (controls from cabin) | 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 | S |
| Metal cyclonic prefilter | S |
| Radiator safety cap | 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 |
| Audio warning on reverse movements (lynx noise) | S |
| Boom cylinder lock | S |
| Emergency stop: 1 in cab, 2 on external | S |
| Fire extinguisher | S |
| Fire suppression system | 0 |
| Fuse board protection - MT'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 |
| Wheel chocks | S |
| Windshield protection grid | S |



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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