

Technical sheet :

# **MT-X 733 MINING**

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| 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 x 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 cm <sup>3</sup>                               |
| 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  |
| Max. travel speed (may vary according to applicable regulations) |           | 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/s <sup>2</sup>                                |
| Miscellaneous  |           |  |
| Steering wheels (front / rear)                                   |           | 2 / 2  |
| Drive wheels (front / rear)                                      |           | 2 / 2  |
| Safety / Safety cab homologation                                 |           | Standard EN 15000 / Cabin ROPS - FOPS level 2          |
| Controls   |           | JSM  |

## MT-X 733 Mining - Load chart

Machine on tires with forks Metric



Machine on tires with tire handler TH 33 (Metric)



## Mining Specifications

|   | MTX 733 Mining |
|---|----------------|
| <b>Lifting function</b>                               |                |
| Clamp predisposition (controls from cabin)            | 0              |
| <b>Lighting</b>                                       |                |
| 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              |
| <b>Motorization/Power</b>                             |                |
| Exhaust fume purification system                      | S              |
| Hydraulic hose sleeve burst protection                | S              |
| Metal cyclonic prefilter                              | S              |
| Radiator safety cap                                   | S              |
| <b>Other options</b>                                  |                |
| Battery + Starter Isolators + Jump Start Receptacle   | S              |
| <b>Secondary functions</b>                            |                |
| Automatic Greasing System (AGS) - chassis + boom      | 0              |
| <b>Security</b>                                       |                |
| "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              |



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