Technical sheet :

# MT-X 1033 MINING

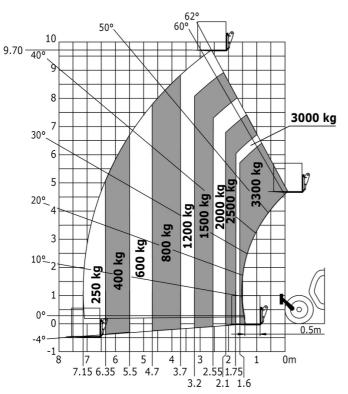




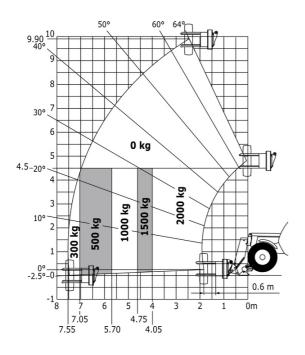
| Capacities   | Metric   |
|--|--|
| Max. capacity  | 3300 kg  |
| Max. lifting height  | 9.98 m   |
| Maximum outreach   | 7.15 m   |
| Breakout force with bucket                                       | 5330 daN                                       |
| Weight and dimensions  |  |
| Overall length to carriage                                       | l11 4.93 m                                     |
| Length to face of forks  | l2 4.93 m                                      |
| Overall width  | b1 2.25 m                                      |
| Overall height   | h17 2.30 m                                     |
| Wheelbase  | y 2.69 m                                       |
| Ground clearance   | m4 0.44 m                                      |
| Overall cab width  | b4 0.89 m                                      |
|  |  |
| Tilt-up angle  |  |
| Tilt-down angle  | a5 114 °                                       |
| External turning radius (over tyres)                             | Wa1 3.66 m                                     |
| Unladen weight (with forks)                                      | 7745 kg  |
| Overall weight   | 7745 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  | 6.70 s   |
| Lowering   | 5.40 s   |
| Extension  | 13.60 s  |
| Retraction   | 8.70 s   |
| Crowd  | 2.70 s   |
|  | 2.70 s   |
| Dump   | 2.30 \$  |
| Engine   |  |
| Engine brand   | Perkins  |
| Engine model   | 1104D-44 TA                                    |
| Number of cylinders / Capacity of cylinders                      | 4 - 4400 cm <sup>3</sup>                       |
| I.C. Engine power rating - Power                                 | 101 Hp / 74.50 kW                              |
| Max. torque / Engine rotation                                    | 410 Nm @ 1400 rpm                              |
| Drawbar pull (Laden)   | 9100 daN                                       |
| Transmission   |  |
| Transmission type  | Torque converter                               |
| Number of gears (forward / reverse)                              | 4 / 4  |
| Max. travel speed  | 27 km/h  |
| Max. travel speed (may vary according to applicable regulations) | 27 km/h  |
| Parking brake  | Manual   |
| Service brake  | Oil-immersed multi-discs on front & rear axles |
| Hydraulics   |  |
| Hydraulic pump type  | Coor nump                                      |
|  | Gear pump                                      |
| Hydraulic flow / Pressure  | 106 l/min-250 bar                              |
| Tank capacities  |  |
| Engine oil   | 111  |
| Hydraulic oil  | 128 I  |
| Fuel tank  | 120  |
| Noise and vibration  |  |
| Noise at driving position (LpA)                                  | 76 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 / Cab certification                                       | Standard EN 15000 / Cabin ROPS - FOPS level 2  |
| Controls   | JSM  |

### MT-X 1033 Mining - Load chart

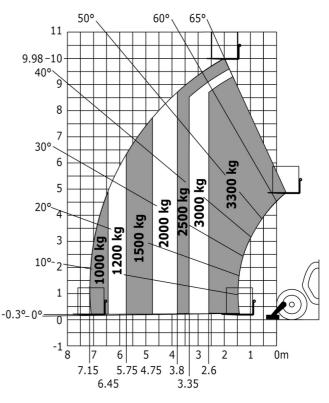
#### Machine on tires with forks Metric

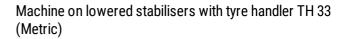


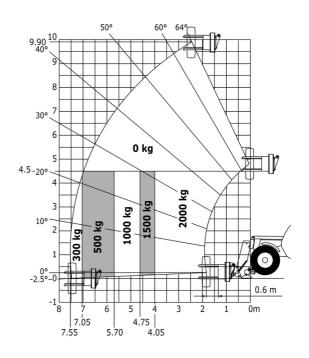
Machine on tires with tire handler TH 33 (Metric)



Machine on lowered stabilisers with forks Metric







## **Mining Specifications**

| Clamp predisposition (controls from cabin)0LightingBrake Lights ON When Park Brake ONSFlat Led Rotating BeaconSLED Flashing Lights On Cabin (Marker Lights)SLED tramming lightsSLED tramming lights on cab (x4 : 2 front + 2 rear)SMotorization/PowerSExhaust fume purification systemSHydraulic hose sleeve burst protectionSMetal cyclonic prefilterSRadiator safety capSOther optionsSAutomatic greasing system (AGS) - Chassis + boomOSecurityS"Guardian Angel" System Level 1SAudio warning on reverse movements (lynx noise)SBorn cylinder lockSEmergency stop: 1 in cab, 2 on externalSFire suppression systemOFuse board protection - MT'sSHigh visibility reflective stripsSLoose wheel nut indicatorsSMarking - Warning & Danger decalsSMarking - Warning & Danger decalsSMeter other on first era axlesSRear and lateral camera with cab screenSWheel chocksS  |  | MT-X 1033 Mining |
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| LightingBrake Lights ON When Park Brake ONBrake Lights ON Cabin (Marker Lights)LED Flashing Lights On Cabin (Marker Lights)LED tramming lightsLED tramming lightsLED work lights - On the top of the boom (fixed part) (x2)LED working lights on cab (x4 : 2 front + 2 rear)Motorization/PowerExhaust fume purification systemHydraulic hose sleeve burst protectionMetal cyclonic prefilterRadiator safety capOther optionsBattery + Starter Isolators + Jump Start ReceptacleSecondary functionsAutomatic greasing system (AGS) - Chassis + boomOSecurity"Guardian Angel" System Level 1Audio warning on reverse movements (lynx noise)Boom cylinder lockErife extinguisherFire suppression systemOFuse board protection - MT'sHigh visibility reflective stripsLoose wheel nut indicatorsMarking - Warning & Danger decalsMining protection grids: right, left and back windowsNegative brakes on front & rear axlesRear and lateral camera with cab screenWheel chocksSubject CackSubject Cack< | Lifting function   |                  |
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| Rear and lateral camera with cab screen S<br>Wheel chocks S   | Mining protection grids: right, left and back windows      | S                |
| Wheel chocks S  | Negative brakes on front & rear axles                      | S                |
|   | Rear and lateral camera with cab screen                    | S                |
| Windshield protection grid S  | Wheel chocks   | S                |
|   | Windshield protection grid                                 | S                |

## Equipment

| Standard   |  |
|--|--|
| "Guardian Angel" System Level 1                            |  |
| Audio warning on reverse movements (lynx noise)            |  |
| Battery + Starter Isolators + Jump Start Receptacle        |  |
| Boom cylinder lock   |  |
| Brake Lights ON When Park Brake ON                         |  |
| Emergency stop: 1 in cab, 2 on external                    |  |
| Exhaust fume purification system                           |  |
| Fire extinguisher  |  |
| Flat Led Rotating Beacon                                   |  |
| Fuse board protection - MT's                               |  |
| High visibility reflective strips                          |  |
| Hydraulic hose sleeve burst protection                     |  |
| 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                          |  |
| Metal cyclonic prefilter                                   |  |
| Mining protection grids: right, left and back windows      |  |
| Negative brakes on front & rear axles                      |  |
| Radiator safety cap  |  |
| Rear and lateral camera with cab screen                    |  |
| Wheel chocks   |  |
| Windshield protection grid                                 |  |

#### Optional

| Automatic greasing system (AGS) - Chassis + boom |
|--|
| Clamp predisposition (controls from cabin)       |
| Fire suppression system                          |



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