

Technical sheet :

# MT-X 1033 MINING



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| 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  | a4        | 12 °   |
| 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   |
| Dump   |           | 2.30 s   |
| Engine   |           |  |
| Engine brand   |           | Perkins  |
| Engine model   |           | 1104D-44 TA                                    |
| Number of cylinders / Capacity of cylinders                      |           | 4 - 4400 cm <sup>3</sup>                       |
| Engine power (Hp/kW)   |           | 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  |           | Gear pump                                      |
| Hydraulic flow / Pressure  |           | 106 l/min-250 bar                              |
| Tank capacities  |           |  |
| Engine oil   |           | 11 l   |
| Hydraulic oil  |           | 128 l  |
| Fuel   |           | 120 l  |
| Noise and vibration  |           |  |
| Noise at driving position (LpA)                                  |           | 76 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 / Cab certification                                       |           | Standard EN 15000 / Cabin ROPS - FOPS level 2  |
| Controls   |           | JSM  |

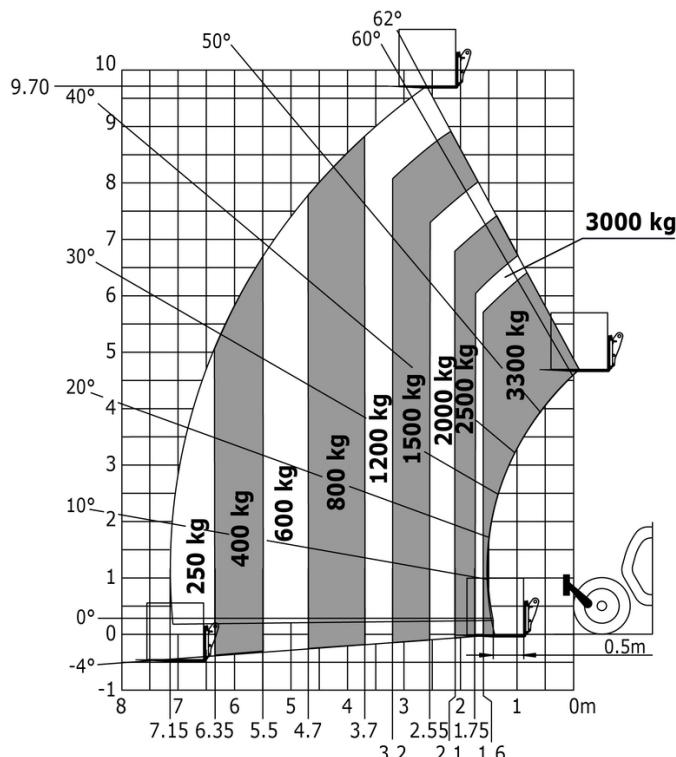
## Options / Finishing

S : Standard / O : Optional / - : Not available

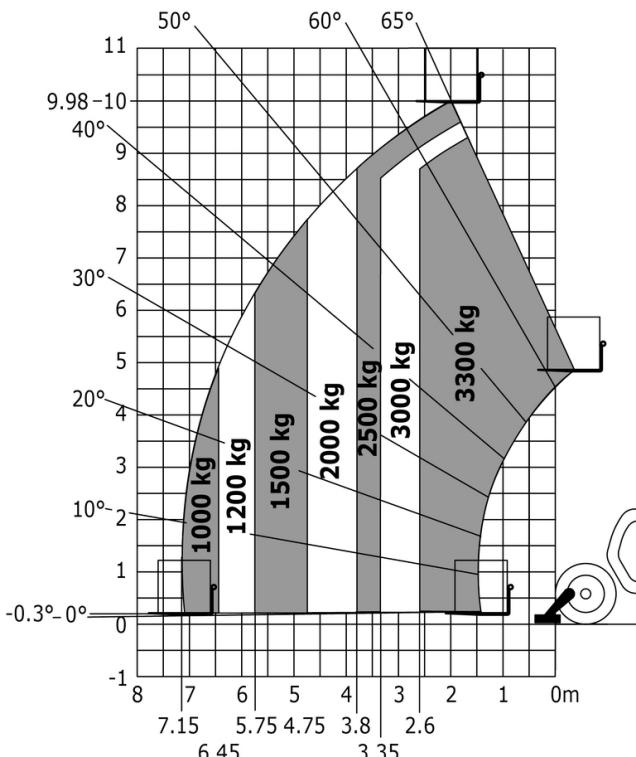
|  | Standard | Comfort |
|--|----------|---------|
| <b>Lifting function</b>                                    |          |         |
| Clamp predisposition (controls from cabin)                 | O        | -       |
| <b>Motorization/Power</b>                                  |          |         |
| Centralized greasing points                                | -        | 0       |
| Exhaust fume purification system                           | S        | -       |
| Hydraulic hose sleeve burst protection                     | S        | -       |
| Metal cyclonic prefilter                                   | S        | -       |
| Radiator safety cap  | S        | -       |
| <b>Secondary functions</b>                                 |          |         |
| Automatic greasing system (AGS) - Chassis + boom           | O        | -       |
| <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 trammig lights   | S        | -       |
| LED working lights on cab (x4 : 2 front + 2 rear)          | S        | -       |
| LED work lights - On the top of the boom (fixed part) (x2) | S        | -       |
| <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        | S       |
| Fire suppression system                                    | O        | -       |
| Fuse board protection - MT's                               | S        | -       |
| High visibility reflective strips                          | S        | -       |
| Loose wheel nut indicators                                 | S        | -       |
| Marking - Waming & 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        | -       |
| <b>Other options</b>                                       |          |         |
| Battery + Starter Isolators + Jump Start Receptacle        | S        | S       |

## MT-X 1033 Mining - Load chart

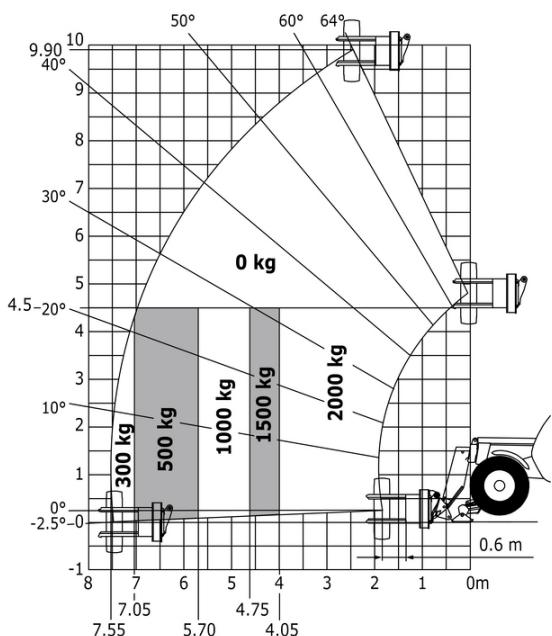
Machine on tires with forks Metric



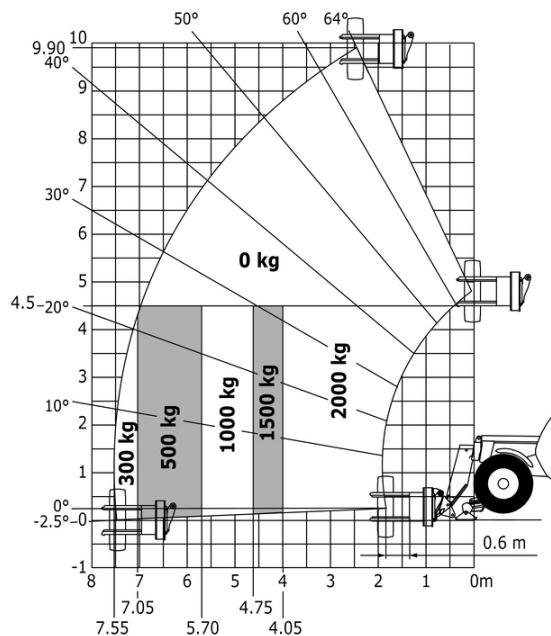
Machine on lowered stabilisers with forks Metric



## Machine on tires with tire handler TH 33 (Metric)



## Machine on lowered stabilisers with tyre handler TH 33 (Metric)



## Mining Specifications

| MT-X 1033 Mining   |   |
|--|---|
| <b>Lifting function</b>                                    |   |
| Clamp predisposition (controls from cabin)                 | O |
| <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 top of the boom (fixed part) (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           | O |
| <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                                    | O |
| 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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