Technical sheet :

# **MRT-X 2260**

VISION +

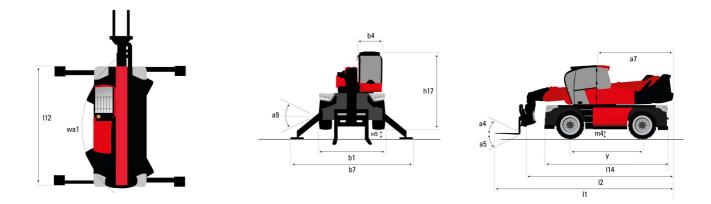




| мят-х 2260 Created on May 3, 2024 at 12:32:45 PM UT |
|---|
|---|

| <b>мкт-х 2260</b> Created on May 3, 20                          |           | reated on May 3, 2024 at 12:32:45 PM UT          |
|---|-----------|--|
| Capacities  |           | Metric   |
| Max. capacity   |           | 6000 kg  |
| Max. lifting height   |           | 21.80 m  |
| Max. outreach   |           | 18.20 m  |
| Weight and dimensions   |           |  |
| Overall length (with forks)                                     | 11        | 8.17 m   |
| Length to face of forks   | 12        | 6.97 m   |
| Overall width   | b1        | 2.50 m   |
| Overall height  | h17       | 3.10 m   |
| Overall cab width   | b4        | 0.96 m   |
| Ground clearance  | m4        | 0.38 m   |
| Wheelbase   |           |  |
|   | У         | 3.05 m<br>12 °                                   |
| Tiltup angle  | a4        |  |
| Tilt-down angle   | a5        | 110 °  |
| Turret rotation   |           | 360 °  |
| Overall weight  |           | 18000 kg   |
| Forks length / width / section                                  | l / e / s | 1200 mm x 100 mm x 60 mm                         |
| Wheels  |           |  |
| Standard tires  |           | 445/65 R22,5                                     |
| Drive wheels (front / rear)                                     |           | 2 / 2  |
| Steering mode   |           | 2 wheel steer, 4 wheel steer, Crab mode          |
| Stabilisers   |           |  |
| Stabs Type  |           | Telescopic Duplex                                |
| Controls with stabs   |           | Stabs Commands Individual or Simultaneous        |
| Engine  |           |  |
| Engine brand  |           | Yanmar   |
| Engine norm   |           | Stage IIIA                                       |
| Engine model  |           | 4TN107FHT-6SMU1                                  |
| I.C. Engine power rating / Power                                |           | 156 Hp / 115 kW                                  |
| Max. torque / Engine rotation (min)                             |           | 602 Nm @ 1500 rpm                                |
| Number of cylinders - Capacity of cylinders                     |           | 4 - 4567 cm <sup>3</sup>                         |
|   |           |  |
| Engine cooling system   |           | Water cooled                                     |
| Electric circuit  |           | 0.401/   |
| Number of batteries / Battery voltage                           |           | 2 x 12 V   |
| 12V Battery capacity  |           | 120 Ah   |
| Battery starting current  |           | (EN)850 A  |
| Transmission  |           |  |
| Transmission type   |           | Hydrostatic                                      |
| Gearbox / Number of gears (forward) / Number of gears (reverse) |           | Speedshift / 2 / 2                               |
| Max. travel speed   |           | 40 km/h  |
| Drawbar pull  |           | 8600 daN   |
| Parking brake   |           | Automatic negative parking brake                 |
| Service brake   |           | Oil-immersed multi-discs braking on front & rear |
|   |           | axles  |
| Performances  |           |  |
| Gradeability (laden / unladen)                                  |           | 40.40 % / 45.50 %                                |
| Hydraulics  |           |  |
| Hydraulic pump type   |           | Variable displacement pump                       |
| Hydraulic flow  |           | 185 l/min  |
| Hydraulic Pressure  |           | 350 bar  |
| Tank capacities   |           |  |
| Engine oil  |           | 13   |
| Hydraulic oil   |           | 260  |
| Fuel tank   |           | 270 1  |
| Noise and vibration   |           | 2701   |
| Noise at driving position (LpA)                                 |           | 68 dB  |
|   |           |  |
| Noise to environment (LwA)                                      |           | 108 dB   |
| Vibration to whole hand/arm                                     |           | < 2.50 m/s²                                      |
| Miscellaneous   |           |  |
| Steering wheels (front / rear)                                  |           | 2 / 2  |
| Controls  |           | 2 Joysticks                                      |
| Safety cab homologation   |           | ROPS - FOPS level 2 cab                          |
| Attachment recognition system (E-Reco)                          |           | Standard   |

## MRT-X 2260 - Dimensional drawing

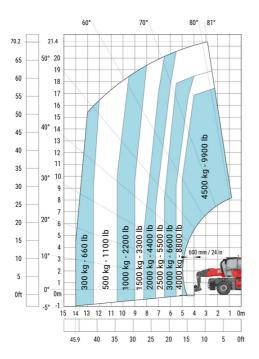


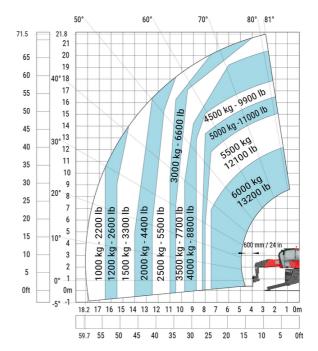
| Other data  |     | Metric  |
|---|-----|---------|
| Length of frame                                   | 114 | 5.69 m  |
| Wheelbase   | у   | 3.05 m  |
| Ground clearance                                  | m4  | 0.38 m  |
| Counterweight offset (turret at 90°)              | а7  | 2.97 m  |
| Tilt-up angle                                     | a4  | 12 °    |
| Tilt-down angle                                   | a5  | 110 °   |
| Overall length at stabilisers                     | 112 | 5.30 m  |
| External turning radius (over tyres)              | Wa1 | 4.46 m  |
| Overall width with stabilisers extended           | b7  | 5.79 m  |
| Overall height                                    | h17 | 3.10 m  |
| Frame leveling corrector                          | a9  | +/- 7 ° |
| Ground clearance under front tires on stabilizers | m5  | 0.43 m  |

#### MRT-X 2260 - Load chart

#### Machine on tyres with forks Metric







70°

1500 kg - 3300 lb

80° 81°

6 5 4 3 2 1 0m

25 20 15 10 5 Oft

Machine on lowered stabilisers with winch 6000 kg (Metric) Machine on lowered stabilisers with 1500 kg jib with winch (Metric)

50°

21.6

21

20

19

16

15

14

13

11

10

9

7

6

5

3

2

1

-1

20.1

65.9

0° 0m

-5° -2

1000 kg - 2200 lb 1250 kg - 2750 lb

60 55 50 45

800 kg - 1700 lb

20° 8

10° 4

30°12

40°<sup>18</sup> 17

70.8

65

60

55

50

45

40

35

30

25

20

15

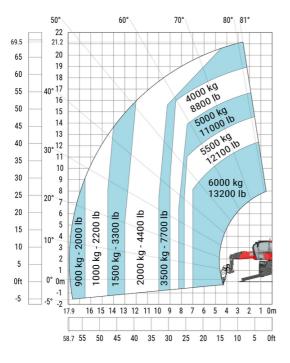
10

5

0ft

-5

60°

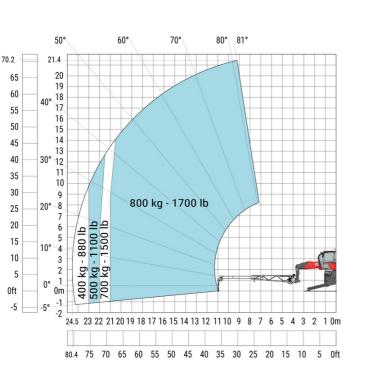


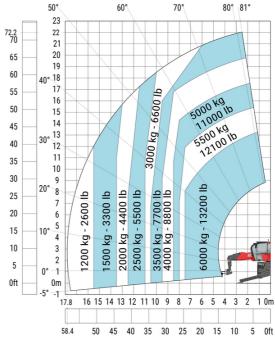
# Machine on lowered stabilisers with extensible jib with winch (Metric)

Machine on lowered stabilisers with hook 6000 kg (Metric)

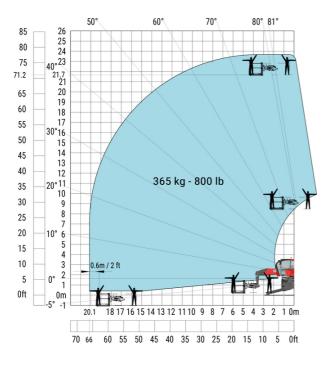
19 18 17 16 15 14 13 12 11 10 9 8 7

40 35 30



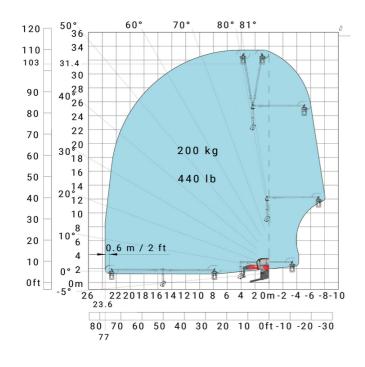


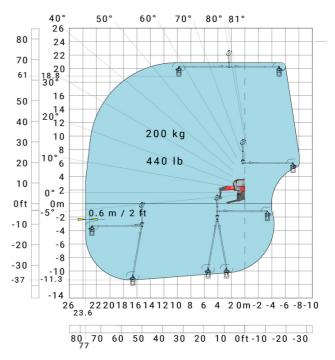
Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric

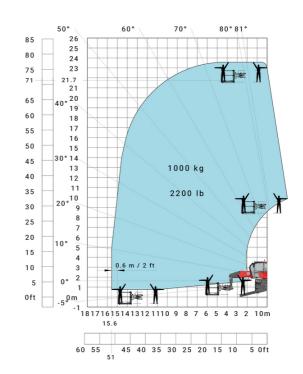


### Machine on lowered stabilisers with 3D positive Metric

Machine on lowered stabilisers with 3D positive / negative  $\ensuremath{\mathsf{Metric}}$ 









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