Technical sheet :

# **MRT-X 2570**

VISION +



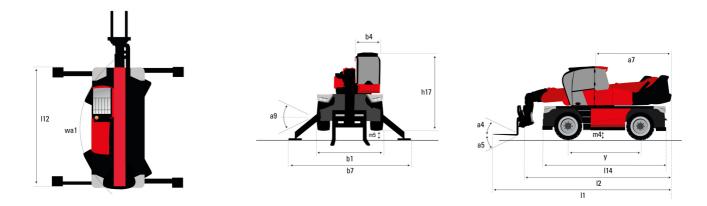


	MR1-22370	0100000 011 Way 0, 2024 at 4.00.42 7 W 01
Capacities		Metric
Max. capacity		7000 kg
Max. lifting height		24.80 m
Max. outreach		20.50 m
Weight and dimensions		
Overall length (with forks)	1	8.87 m
Length to face of forks	12	7.67 m
Overall width	b1	2.50 m
Overall height	h17	3.10 m
Overall cab width	b4	0.96 m
Ground clearance	m4	0.36 m
Wheelbase	У	3.25 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Turret rotation		360 °
Overall weight		21300 kg
Forks length / width / section	l/e/s	1200 mm x 125 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		4TN107FTT-6SMU1
I.C. Engine power rating / Power		173 Hp / 127 kW
Max. torque / Engine rotation (min)		805 Nm @ 1500 rpm
Number of cylinders - Capacity of cylinders		4 - 4567 cm <sup>3</sup>
Engine cooling system		Water cooled
Electric circuit		
Number of batteries / Battery voltage		2 x 12 V
12V Battery capacity		120 Ah
Battery starting current		(EN)850 A
Transmission		(2.1)000 /1
Transmission type		Hydrostatic
Gearbox / Number of gears (forward) / Number of gears (reverse)		Speedshift / 2 / 2
Max. travel speed		40 km/h
Drawbar pull		9200 daN
Parking brake		Automatic negative parking brake
		Oil-immersed multi-discs braking on front & rear
Service brake		axles
Performances		
Gradeability (laden / unladen)		32.40 % / 41.40 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow		185 l/min
Hydraulic Pressure		350 bar
Tank capacities		
Engine oil		13
Hydraulic oil		300 I
Fuel tank		320
Noise and vibration		
Noise at driving position (LpA)		67 dB
Noise to environment (LwA)		108 dB
Vibration to whole hand/arm		< 2.50 m/s <sup>2</sup>
Miscellaneous		
Steering wheels (front / rear)		2/2
Controls		2 Joysticks
Safety cab homologation		ROPS - FOPS level 2 cab
Attachment recognition system (F-Peco)		Standard

Attachment recognition system (E-Reco)

Standard

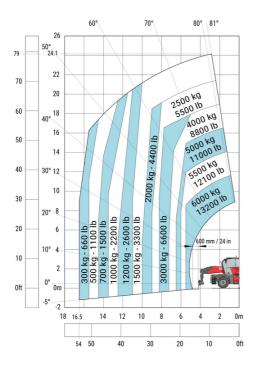
## MRT-X 2570 - Dimensional drawing



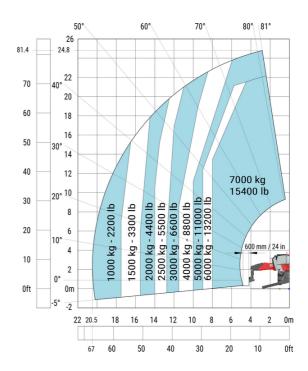
Other data		Metric
Length of frame	114	5.92 m
Wheelbase	у	3.25 m
Ground clearance	m4	0.36 m
Counterweight offset (turret at 90°)	а7	3.45 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Overall length at stabilisers	112	5.62 m
External turning radius (over tyres)	Wa1	4.63 m
Overall width with stabilisers extended	b7	6.04 m
Overall height	h17	3.10 m
Frame leveling corrector	a9	+/- 7 °
Ground clearance under front tires on stabilizers	m5	0.38 m

## MRT-X 2570 - Load chart

#### Machine on tyres with forks Metric



## Machine on lowered stabilisers with forks Metric



70°

5000 kg - 11000 lb

6000 kg - 13200 lb

8 6 4 2 0m

55 50 45 40 35 30 25 20 15 10 5

3000 kg - 6600 lb 4000 kg - 8800 lb 80° 81°

7200 kg 15800 lb

0ft

Machine on lowered stabilisers with winch 6000 kg (Metric) Machine on lowered stabilisers with winch 7200 kg (metric)

78 75

70

65

60

55

50

45

40

35

30

25

20

15

10

5

0ft

-5

50°

23.8

40°

18

16

12

10

6

2

-2 20 1918

62

0° 0m

-5°

20° 8

10° 4

14 30°

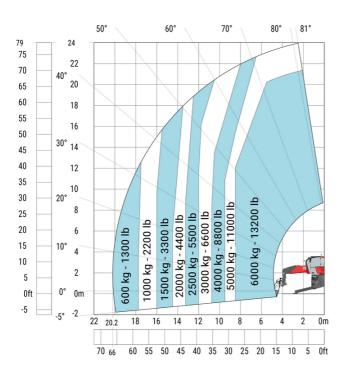
22

60°

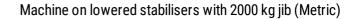
600 kg - 1300 lb 1000 kg - 2200 lb 1500 kg - 3300 lb 2000 kg - 4400 lb

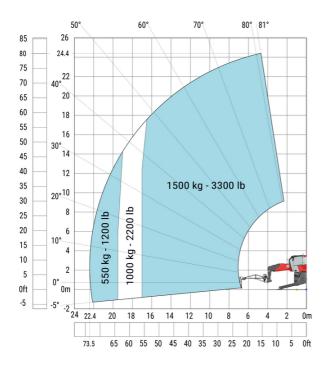
16 14 12 10

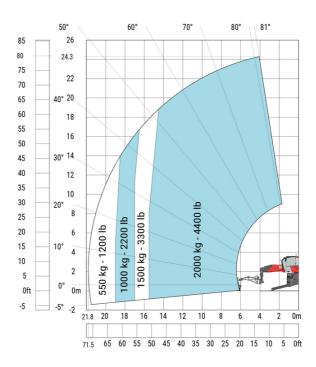
350 kg - 770 lb



#### Machine on lowered stabilisers with 1500 kg jib Metric

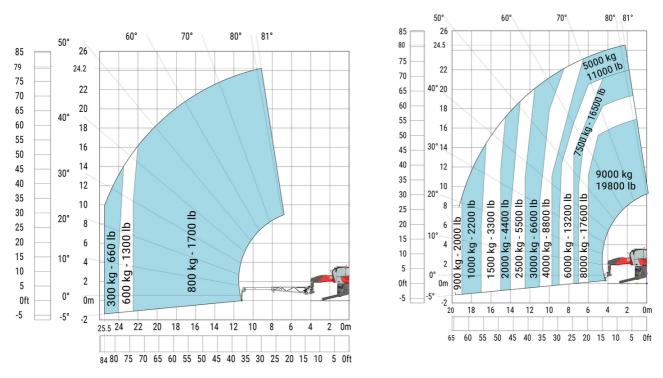




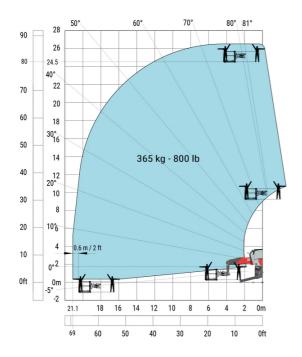


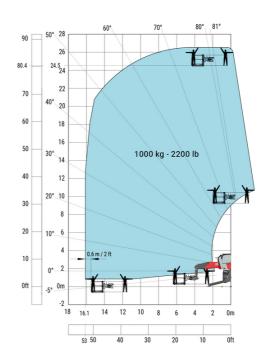
Machine on lowered stabilisers with extensible jib with winch (Metric)

#### Machine on lowered stabilisers with hook 9000 kg (Metric)



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







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