

Technical sheet :

# **MT 930 HA**

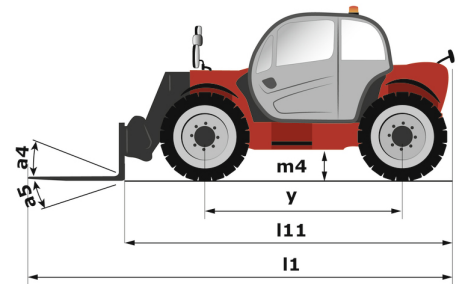
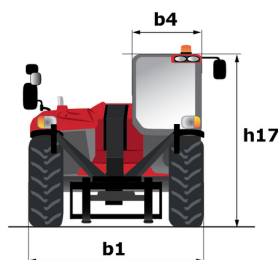
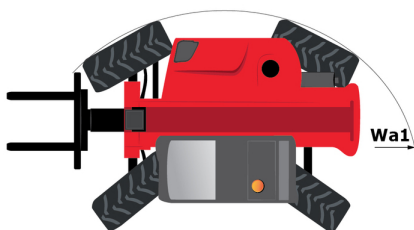
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Capacities		Metric
Max. capacity		3000 kg
Max. lifting height		8.85 m
Maximum outreach		6.05 m
Weight and dimensions		
Overall length to carriage	l11	4.67 m
Overall length (with forks)	l1	5.77 m
Overall width	b1	1.99 m
Overall height	h17	1.99 m
Wheelbase	y	2.69 m
Ground clearance	m4	0.35 m
Overall cab width	b4	0.79 m
Tilt-up angle	a4	11 °
Tilt-down angle	a5	116 °
External turning radius (over tyres)	Wa1	3.33 m
Unladen weight		6500 kg
Overall weight		6500 kg
Tires type		Inflatable
Standard tires		Alliance - 380/75 R20 148A8 A580
Forks length / width / section	l / e / s	1070 mm x 100 mm x 50 mm
Performances		
Lifting		10.24 s
Lowering		7.95 s
Extension		9.89 s
Crowd		3.06 s
Dump		2.44 s
Engine		
Engine brand		Kubota
Engine norm		Stage V
Engine model		V3307-CR-TE58
Number of cylinders / Capacity of cylinders		4 - 3331 cm³
Engine power (Hp/kW)		75 Hp / 54.60 kW
Max. torque / Engine rotation		265 Nm @ 1400 rpm
Drawbar pull (Laden)		3860 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		24.90 km/h
Service brake		Hydraulic
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		88 l/min-245 bar
Tank capacities		
Engine oil		11 l
Hydraulic oil		115 l
Fuel		90 l
Noise and vibration		
Noise at driving position (LpA)		74 dB
Noise to environment (LWA)		103 dB
Vibration on hands/arms		2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Cab certification		Cabin ROPS - FOPS level 2

## MT 930 HA - Dimensional drawing



The diagram illustrates the weight distribution and structural analysis of a sailboat's sail plan. The vertical axis represents height in meters (0 to 11), and the horizontal axis represents distance in meters (0 to 8). The sail is divided into sections with specific weights and dimensions:

- Top Section:** A rectangular area with a height of 10.55m and a width of 8.55m. It contains a platform with two figures and a weight of  $kg + 365kg$ .
- Middle Section:** A trapezoidal area with a height of 4.25m and a width of 6.00m. It contains a platform with one figure and a weight of  $kg + 150kg$ .
- Bottom Section:** A trapezoidal area with a height of 4.25m and a width of 6.80m. It contains a platform with one figure and a weight of  $0kg$ .

Angles of 0°, 10°, 20°, 30°, 40°, 50°, 60°, and 67° are indicated along the sail's edge, representing the angle of attack or the angle of the sail relative to the horizontal. A small diagram of a sailboat is shown in the bottom right corner.



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