

Technical sheet :

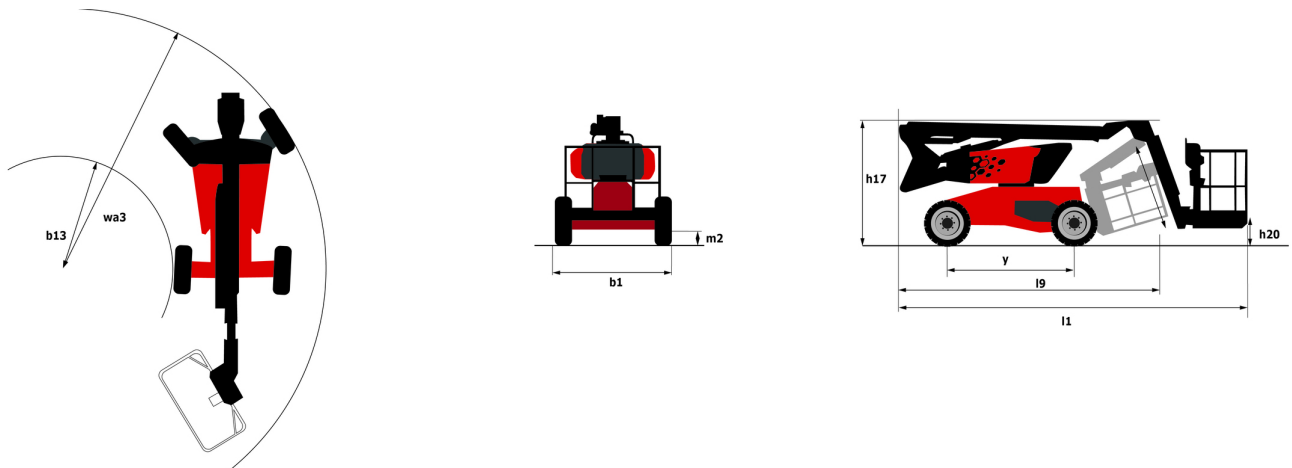
MAN'GO 33



Capacities		Metric
Working height	h21	11.71 m
Platform height	h7	9.90 m
Maximum outreach		6.69 m
Overhang		4.80 m
Pendular arm rotation (top / bottom)		+64 ° / -70 °
Platform capacity	Q	227 kg
Turret rotation		350 °
Platform rotation (right / left)		70 ° / 66 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		4150 kg
Platform dimensions (length x width)	lp / ep	1.50 m x 0.98 m
Floor height (access)	h20	0.40 m
Overall length	l1	5.50 m
Overall width	b1	1.80 m
Overall height	h17	2.01 m
Overall length (stowed)	l9	4.50 m
Overall height (stowed)	h18 ***	2.49 m
Jib length	l13	1.46 m
Counterweight Oversize / Reach		0.19 m
External turning radius	Wa3	4.11 m
Ground clearance at centre of wheelbase	m2	0.32 m
Wheelbase	y	2 m
Performances		
Drive speed - stowed		5.20 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		4 °
Wheels		
Tires type		Cured-on solid tires
Standard tires		28 x 10 in / 720 x 240 mm
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		2 / 2
Engine/Battery		
Engine brand / model		Kubota - D1105-E4B
Engine norm		Interim Tier 4, Stage IIIA, Stage V
Engine power (Hp / kW)		24.80 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		15 daN/cm2
Hydraulic Pressure		400 bar
Hydraulic tank capacity		60 l
Fuel		53 l
Vibration on hands/arms		< 0.76 m/s ²
Daily consumption **		4.40 l
Standards compliance		
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

*Varies according to options and standards of the country to which the machine is delivered
 ** According to "REDUCE cycle"

MAN'GO 33 - Dimensional drawing



Equipment

Standard

3 Simultaneous movements
Additional foot-operated horn
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
Basket controls protection
Battery cut-off
CAN bus technology
Cumulative lifting and driving functions
Diesel tank locking cap
Differential locking
Driver presence pedal
Easy Manager
Electric plug - 110V - In the basket - With differential circuit breaker - USA (B) type
Emergency stop button in platform and on frame
Engine pre-heater
Fuel gauge with low level indicator
Galvanized basket - Width: 1500 mm (4 ft. 11 in.)
Hour meter
Integrated diagnostic assistance
Leveling unlocking
Management via engine speed bearing
Manual emergency lowering
Pendular arm
Proportional controls
Quick access to components
Simplified lift control system
Stop & Go system

Optional

Battery cut-off
Biodegradable oil
Charger plug - 110V - 16A - United Kingdom (G) type
Cold weather protection oil
Diesel filter on tank inlet
Diesel tank locking cap
Fan guard
Higher capacity battery, to start the machine easily in cold countries.
Hydraulic oil pre-heater
Initial verification report before putting into service
Key lock on turret cover
Non-marking tires
On-board generator (3,7 kW)
Screen protection on the lower box control
Secondary Protection System (SPS)
Starter battery blanket
Water pre-fitting
Working headlight in platform

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