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TECHNICAL DATA SHEET

# MAN'GO 33

Self-propelled articulating boom - Diesel

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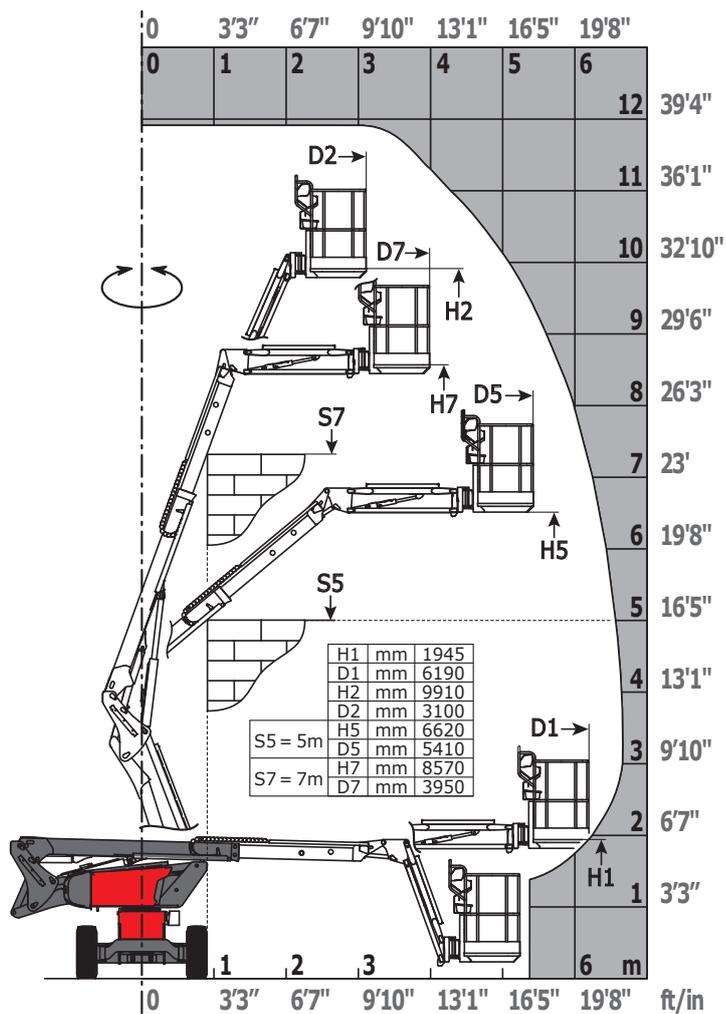


Capacities	metric	imperial
Platform height	9.91 m	32'6"
Horizontal outreach	6.69 m	21'11"
Overhang	4.80 m	15'9"
Vertical jib rotation	64° / 70 °	64° / 70 °
Platform capacity	227 kg	500 lbs
Turret rotation	350°	350°
Platform rotation (right/left)	70° / 66 °	70° / 66 °
Number of people	2	2
Weight and dimensions		
Weight of the machine *	4150 kg*	9,150 lbs*
Platform dimensions (L x W)	1.5 x 0.98 m	4'11" x 3'2"
b1 - Overall width	1.80 m	5'10"
l1 - Overall length	5.50 m	18'0.5"
l9 - Overall length (retracted)	4.50 m	14'9"
h17 - Overall height	2.01 m	6'7"
h18 - Overall height (retracted)	2.49 m	8'2"
h20 - Floor height (access)	0.39 m	1'3"
Jib	1.46 m	4'9"
Turnable tailswing	0.19 m	7 in
b13 - Turnable radius - Inside	1.72 m	5'7"
wa3 - Turnable radius - Outside	4.11 m	13'6"
m2 - Ground clearance at center of frame	0.32 m	12 in
Performances		
Travel speed	5.20 km/h	3.23 mph
Working speed	1 km/h	0.60 mph
Gradeability	40%	40%
Tires		
Type of tires	Solid tires cured-on	Solid tires cured-on
Dimensions	0.72 x 0.24 m	2'44" x 9"
Drive wheels	4	4
Steering wheels	2 Front	2 Front
Braking wheels	4	4
Engine		
I.C engine	Kubota D11S E4B	Kubota D11S E4B
I.C engine power rating	18.5 kW / 24.1 HP	18.5 kW / 24.1 HP
Miscellaneous		
Ground bearing pressure	15 dan/cm <sup>2</sup>	217.55 psi
Maximum available hydraulic pressure	400 bar	5801.5 psi
Capacity of hydraulic tank	60 l	15.85 US gal
Capacity of fuel tank	53 l	14 US gal
Sound level on ground	100 dB	100 dB
Consumption (reduce cycle)	4.41 liters / day	1.16 US gal / day

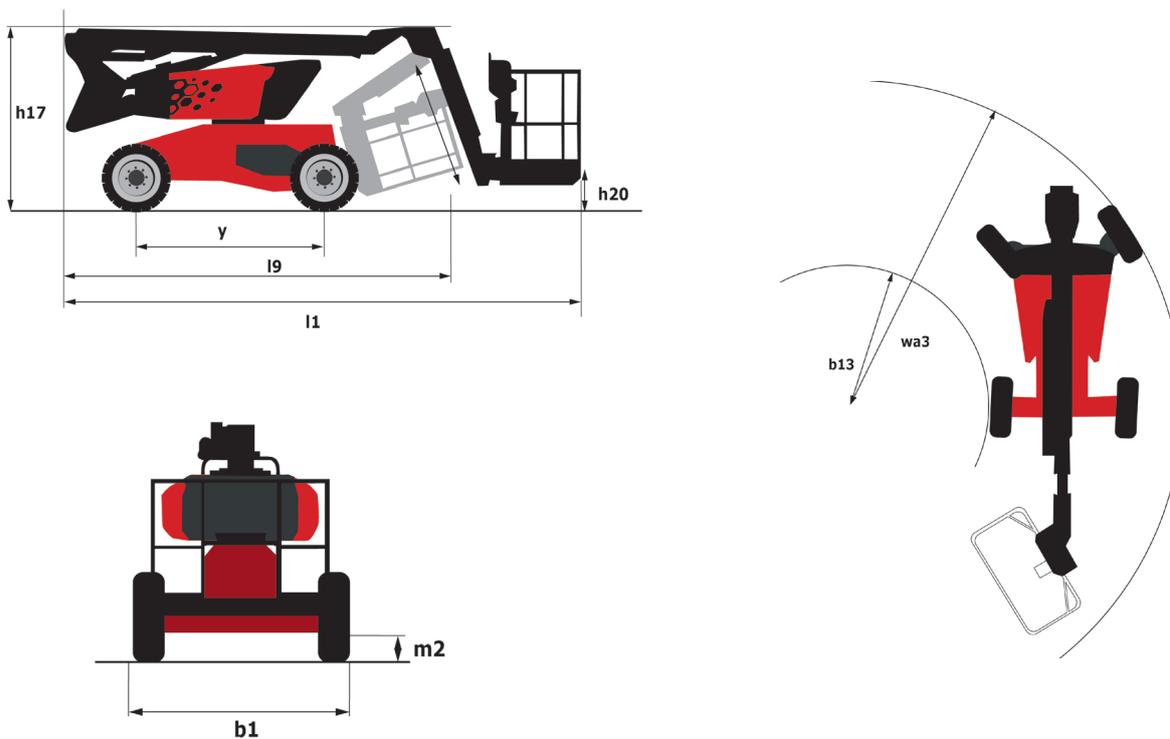
\*Changes according to options and standard of the country where the machine will be delivered.

# Load chart

MAN'GO 33		
	imperial	metric mm
H1	6' 4.5"	1940
D1	20'3.75 "	6190
H2	32'6"	9905
D2	10'2"	3100
H4	17'1.5"	5220
D4	19'1.5"	5830
H5	21'8.5"	6620
D5	17'9"	5410
H6	25'9"	7850
D6	15'5.75"	4720
H7	28'1.25"	8565
D7	12'11.5"	3950



# Dimensional drawing



## Features

### Standard

- 110 V plug with differential circuit breaker
- 3 Simultaneous movements
- Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
- Basket (1500 mm / 5 Feet)
- Electrical predisposition
- Presence pedal
- Differential lock
- Emergency stop button in platform and on frame
- Fuel gauge with low level indicator
- Drive safety orientation system
- Integrated diagnostic aid
- Swinging gate platform
- Emergency manual pump
- Jib
- Proportional controls
- Protective cover for control panel
- Water heater
- Rotating beacon light
- Cut off battery
- Slings and securing rings
- Steel turret covers
- Lockable fuel cap
- Storage for tools in platform
- Easy manager predisposition
- Audible alarm inside basket
- Management via engine speed bearing

### Options

- Beep upon travel on every movement
- Battery high capacity
- Non-marking tyres
- Extreme cold oil
- Onboard generator 3.7 kw
- Easy Manager
- Biodegradable oil
- Predisposition (water+air)
- Hydraulic oil heater
- Oil for cold country
- Working light on basket
- Safe man system



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