Technical sheet:

# MAN'GO 33



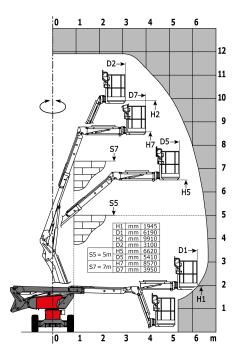


Copacities         Moting height         Act of the plat of t		
Platform height         h7         9.91 m           Max. outreach         f1         6.69 m           Owerhang         h31         4.80 m           Pendular arm rotation (bottom)         1         +70 °           Platform capacity         Q         2.27 kg           Turner trotation         350 °         70 ° / 66 °           Number of people (inside) / outside)         2         2 / 2           Weight and dimensions         1         4150 kg           Platform weight*         150 m x 0.98 m         150 m x 0.98 m           Overall width         b1         1.80 m           Overall leight         11         5.50 m           Overall leight (stowed)         11         5.50 m           Overall leight (stowed)         19         4.50 m           Overall leight (stowed)         19         4.50 m           Overall leight (stowed)         19         4.50 m           Overall leight (stowed)         18         2.49 m           Floor height (access)         h20         0.40 m           Jib length         18         2.29 m           External turning radius (over tyres)         13         1.72 m           External turning radius (over tyres)         10         3.2		
Max. outreach         r1         6.69 m           Overhang         h31         4.80 m           Pendudar am rotation (bottom)         4.70 *         2.27 kg           Platform capacity         Q         2.27 kg           Turret rotation         70 * /66 *         350 *           Platform totation (right / left)         2.2 2           Weight and dimensions         2.2 2           Platform weight*         4150 kg           Platform weight*         15 0 m x 0.98 m           Platform weight*         11         5.0 m x 0.98 m           Overall width         b1         1.80 m           Overall leingth         11         5.50 m           Overall leingth (stowed)         19         4.50 m           Overall leight (stowed)         19         4.50 m           Overall leight (stowed)         118         2.49 m           Floor height (access)         h20         0.40 m           Ible leight         113         1.46 m           Internal turning radius (over tyres)         b13         1.72 m           External turning radius (over tyres)         b13         1.72 m           Wheelbase         y         2 m           Drive speed - stowed         y         2		
Overlang         h31         4.80 m           Pendular mm rotation (bottom)         +.70 °           Platform capacity         Q         2.27 kg           Clargetion motation (right / left)         350 °         350 °           Platform rotation (right / left)         70 ° / 66 °         2 / 2 New Jeen Williams (right / 2 votside)         2 / 2 New Jeen Jeen Jeen Jeen Jeen Jeen Jeen Je		
Henduar am rotation (bottom)		
Interform capacity         Q         227 kg           Visited troation (right / left)         70 ° / 66 ° *           Velight and dimensions         2 / 2           Velight and dimensions (length x width)         Ip / ep         1.50 mx 0.98 m           Very all leight         b1         1.80 m           Very all leight         b1         1.80 m           Very all leight         b1         1.80 m           Very all leight (stowed)         b1         2.40 m           Very all leight (stowed)         lp         9         4.50 m           Very all leight (stowed)         lp         9         4.50 m           Very all leight (stowed)         lp         113         1.46 m           Very all leight (stowed)         lp         0         0.40 m           Very all leight (stowed)         lp         0         0.20 m <td></td>		
funct totation         350°           latform rotation (right / left)         70° * / 66°           lumber of people (inside / outside)         2 / 2           Velegit and dimensions         8           latform dight*         4150 kg           Marform dimensions (length x width)         lp / ep         1.50 m x 0.98 m           Verall lide width         b1         1.80 m           Verall length         h17         2.01 m           Verall length (stowed)         lp         4.50 m           Verall length (stowed)         lp         4.50 m           Verall length (stowed)         h18         2.49 m           loor height (access)         h20         0.40 m           loor height (access)         h13         1.46 m           loor height (access)         h13         1.72 m           ix temal tuming radius (over tyres)         b13         1.72 m           ix temal tuming radius (over tyres)         b13         1.72 m           ix temal tuming radius (over tyres)         b13         1.72 m           ix temal tuming radius (over tyres)         b13         1.72 m           ix temal tuming radius (over tyres)         b1         5.20 km/h           tive speed - stowed         5.20 km/h         1 km/h		
fatform rotation (right / left)         70 ° / 66 °           tumber of people (inside / outside)         2 / 2           leight and dimensions         Commerce of people (inside / outside)         Commerce of people (inside / outside)         2 / 2           leight and dimensions         Commerce of the people (inside / outside)         Commerce of the people (inside / outside)         4 150 kg           latform dimensions (length x width)         lp / ep         1.50 m x 0.98 m           werall length         b1         1.80 m           werall length (stowed)         lp         4.50 m           werall leight (stowed)         lp         4.50 m           loor height (access)         h20         0.40 m           loor height (access)         h20         0.40 m           loor height (access)         h20         0.40 m           loor height (access)         h33         1.72 m           x temal tuming radius (over tyres)         b13         1.72 m           x temal tuming radius (over tyres)         b13         1.72 m           x temal tuming radius (over tyres)         y         2 m           x temal tuming radius (over tyres)         y         2 m           x temal tuming radius (over tyres)         y         2 m           x temal tuming radius (over tyres)<		
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Velight and dimensions         4150 kg           Latform weight*         4150 kg           Latform dimensions (length x width)         lp / ep         1.50 m x 0.98 m           verall width         b1         1.80 m           verall length         11         5.50 m           verall leight         117         2.01 m           verall leight (stowed)         19         4.50 m           verall leight (stowed)         18         2.49 m           loor height (access)         120         0.40 m           ib length         113         1.46 m           it length         113         1.72 m           stemal tuming radius (over tyres)         13         1.72 m           stemal tuming radius         Wa3         4.11 m           round clearance at centre of wheelbase         m2         0.32 m           efformances         y         2 m           urive speed - raised         y         2 m           virue speed - raised         5.20 km/h         1 km/h           virue speed - raised         4°         4°           virue speed - raised         4°         4°           virue speed - raised         5.20 km/h         4°           virue speed - raised		
latform weight*       4150 kg         latform dimensions (length x width)       lp / ep       1.50 mx 0.98 m         verall width       b1       1.80 m         verall length       l1       5.50 m         verall leight (stowed)       lp       4.50 m         verall height (stowed)       lp       4.50 m         verall height (stowed)       h18       2.49 m         loor height (access)       h20       0.40 m         ib length       l13       1.46 m         stemal tuming radius (over tyres)       b13       1.72 m         verall height (stowed)       m2       0.32 m         viewall tuming radius (over tyres)       b13       1.72 m         viewall tuming radius (over tyres)       m2       0.32 m         viewall tuming radius (over tyres)       m2       0.32 m         viewall tuming radius (over tyres)       y       2 m         viewall		
All form dimensions (length x width)         Ip / ep         1.50 m x 0.98 m           Everall width         b1         1.80 m           Everall length         11         5.50 m           Everall length (stowed)         19         4.50 m           Everall length (stowed)         19         4.50 m           Everall length (stowed)         19         4.50 m           Everall length (access)         h20         0.40 m           Ib length         113         1.46 m           Internal turning radius (over tyres)         b13         1.72 m           External turning radius         Wa3         4.11 m           External turning radius         Yu         2 m           External turning radius         Yu         2 m           External turning radius		
everall width         b1         1.80 m           everall length         11         5.50 m           everall height         h17         2.01 m           everall length (stowed)         19         4.50 m           everall height (stowed)         h18         2.49 m           loor height (access)         h20         0.40 m           ib length         113         1.46 m           it length         h13         1.72 m           it length         h13         1.72 m           it length         was         4.11 m           it length         was         4.11 m           it length         was         4.11 m           it count of clearance at centre of wheelbase         m2         0.32 m           wheelbase         y         2 m           enformances         y         2 m           wire speed - raised         1 km/h           tradeability         40 %           emissible leveling         4 °           wheels         Super Elastic Solid Cushic           wrest type         Super Elastic Solid Cushic		
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verall height         h17         2.01 m           verall length (stowed)         19         4.50 m           verall height (stowed)         h18         2.49 m           loor height (access)         h20         0.40 m           ib length         113         1.46 m           itemal turning radius (over tyres)         b13         1.72 m           xtemal turning radius         Wa3         4.11 m           round clearance at centre of wheelbase         m2         0.32 m           /heelbase         y         2 m           erformances         y         2 m           rive speed - stowed         5.20 km/h         1 km/h           radeability         40 %         4 °           ermissible leveling         4 °         4 °           /heels         Super Elastic Solid Cushic         5.20 km/h		
Overall height         h17         2.01 m           Overall length (stowed)         l9         4.50 m           Overall height (stowed)         h18         2.49 m           Cloor height (access)         h20         0.40 m           lib length         l13         1.46 m           niternal turning radius (over tyres)         b13         1.72 m           external turning radius         Wa3         4.11 m           coround clearance at centre of wheelbase         m2         0.32 m           Overell height (stowed)		
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sib length     113     1.46 m       stemal turning radius (over tyres)     b13     1.72 m       stemal turning radius     Wa3     4.11 m       stround clearance at centre of wheelbase     m2     0.32 m       streebbase     y     2 m       streepformances     University of the street of the str		
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yres type Super Elastic Solid Cushic		
	n	
Dimensions of front wheels / rear wheels $0.72 \times 0.24 \cdot 0.72 \times 0.24$		
rive wheels (front / rear) 2 / 2		
teering wheels (front / rear) 2 / 0		
raking wheels (front / rear)		
ngine/Battery		
ngine brand / model Kubota - D1105-E4B - D1105	F4R	
ngine norm Interim Tier 4, Stage IIIA, Sta		
C. Engine power rating / Power (kW)  24.80 Hp / 18.50 kW	,	
liscellaneous		
round Pressure 15 daN/cm <sup>2</sup>		
ydraulic Pressure 400 Bar		
ydraulic tank capacity 60 l		
uel tank 53 l		
ibration on hands/arms < 0.50 m/s <sup>2</sup>		
Paily consumption **  4.40 I		
Nandards compliance		
This machine is in compliance with:  ANSI A92.20-2018 CSA B354.6 ICES Standard Canadian EMC		

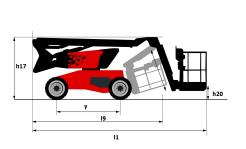
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"  $\,$ 

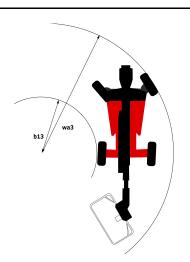
## Load chart

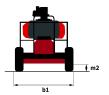
### Load Chart for AWP Metric



## **Dimensional drawing**







## **Equipment**

#### Standard

110 V plug with differential circuit breaker

3 Simultaneous movements

Audible alarm and illuminated indicator lamp (leveling, overload, lowering)

Basket 1,500 mm

Battery cut-off

CAN bus technology

Dead man pedal

Differential locking

Easy Manager

Emergency stop button in platform and on frame

Fuel gauge with low level indicator

Horn in the platform

Hour meter

Integrated diagnostic assistance

Key lock on fuel tank

Leveling unlocking

Lift and drive

Management via engine speed bearing

Manual emergency lowering

Pendular arm

Proportional controls

Protective cover for control panel

Quick access to components

Simplified lift control system

Water heater

#### Optional

110 or 230V plug with differential circuit breaker

Air predisposition

Battery blanket

Battery cut-off

Beep on every movement

Beep upon travel

Biodegradable oil

Extreme cold oil

Fan grille

Highly capacity battery

Hydraulic oil heater

Initial verification report before putting into service

Lockable fuel cap

Non-marking tyres

On-board generator (3,7 kW)

SMS : Safe Man System

Screen protection on the lower box control

Sieve for fuel tank

Turret cover with key lock

Water predisposition

Working headlight in platform





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