Technical sheet:

# 160 ATJ



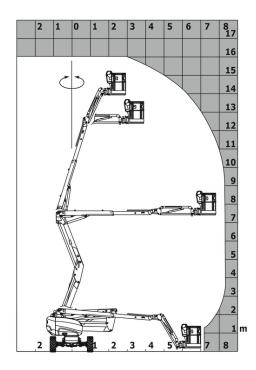


Carbonified         Marine           Working langing         102         11.00 mm           Patform height         102         11.00 mm           Swall of membrane         102         1.00 mm           Ownbrang         1.00 mm         1.90 mm           Feedbrair am catasin (totulm)         0         1.90 mm           Feedbrair am catasin (spath (will)         0         1.20 kg           Feedbrair am catasin (spath (will)         0         1.00 kg           Feedbrair am catasin (will)         0         2.72 kg           Feedbrair am catasin (will)         0         2.72 kg           Feedbrair am catasin (will)         0         2.00 kg         2.00 kg           Feedbrair am catasin (will)         0         2.00 kg         <		160 ATJ Created on 26 September 2022 at	160 ATJ Created on 28 September 2022 at 11.25.20 OTC	
Parform bright   Parf	Capacities	Metric		
Mos. omeseeh         8.30 m           Orchange         7.38 m           Peddar am motation (bottom)         48.55.37           Palform engacity         Q         2.29 big           Falform capacity         Q         2.29 big           Falform capacity (ight / left)         3.58 big         2.7 centre (legth of political or Justice)         2.7 centre (legth of Justice)         3.58 big           Weight and Ginantions         19 / eg         1.6118 kg         2.7 centre (legth of Justice)         1.1 mm of 1	Working height	h21 16.02 m		
Ownhang         7.38 m           Phelidate arm solation (bottom)         4,955.0°           Phelidate arm solation (bottom)         9,750.0°           Phelidom capacity         9,20 kg           Turiest (solation)         90,700°           Number of people (inities? outside)         2,2           Verylagh and dismensions         6118 kg           Pleafrom weight?         6118 kg           Pleafrom weight?         11         6.68 m           Ownall sheight         15         2.22 m           Ownall sheight         161         2.22 m           Ownall sheight (stowed)         16         6.68 m           Ownall sheight (stowed)         19         4.44 m           Ownall sheight (stowed)         19         4.23 m           Floor (stowed)         19 <t< td=""><td>Platform height</td><td>h7 14.02 m</td><td></td></t<>	Platform height	h7 14.02 m		
Pendular am motation (bottom)	Max. outreach	8.30 m		
Pendular am motation (bottom)	Overhang	7.38 m		
Platform appairy		+59.50 °		
Turse toution   Sign	, ,	O 230 ka		
Platform pathon (right / left)   Weight and dimensions   Platform weight*				
Number of people (Inside / outside)				
Majoran dimensions   Fairform weight*	, , ,			
Fast form dimensions (length x width)				
Platform dimensions (length x wildth)         Ip / ep         1.80 m x 0.80 m           Owerall wildth         bt         2.32 m           Owerall length         11         6.68 m           Owerall length         167         2.37 m           Owerall length (stowed)         19         4.44 m           Owerall length (stowed)         18         2.65 m           Floor height (access)         120         0.40 m           Counterweight offset (tomet at 90")         a7         0.22 m           Internal tuming adulus (over tyree)         b13         1.39 m           Cetternal tuming adulus (over tyree)         b13         1.39 m           Cetternal tuming adulus (over tyree)         was         3.75 m           Ground clearance at cente of wheelbase         was         3.75 m           Other depend - stowed         m2         0.20 m           Performances         y         2.20 m           Dive speed - stowed         5 km/h         1 km/h           Gindeability         5 km/h         1 km/h           One speed - stowed         5 km/h         1 km/h           Gindeability         5 km/h         1 km/h           Types type         Feam-filled         2 /2           Steining whe		6118 kg		
Owerall length         b1         2.32 m           Overall length         II         6.68 m           Owerall length (stowed)         19         4.44 m           Owerall length (stowed)         19         4.44 m           Owerall length (stowed)         18         2.63 m           Floor height (access)         h20         0.40 m           Counterweight offset (turet at 90")         7         0.22 m           Internal tuning addus (over tyee)         b13         1.39 m           External tuning addus (over tyee)         b13         1.39 m           External tuning addus (over tyee)         m2         0.36 m           Wheelbase         m2         0.36 m           Wheelbase         m2         0.36 m           Wheelbase         m2         0.36 m           Performance         ***         ***           Use goed - rised of wheel steving         5 km/h         ***           One speed - rised of wheel steving         5 km/h         ***           Wheelbase         ***         ***           Wheelbase         ***         ***           Wheelbase         ***         ***           Wheelbase         ***         ***           Wheelbase	•	•		
Overall length         11         6.68 m           Overall length (stowed)         19         4.44 m           Overall length (stowed)         18         2.53 m           Overall length (stowed)         120         0.40 m           Counterweight off set (furret at 90")         27         0.22 m           Internal tuning radius (over yees)         513         1.39 m           External tuning radius         Wa3         3.75 m           Ground clearance at centre of wheelbase         m2         0.36 m           Wheelbase         m2         0.36 m           Wheelbase         m2         0.36 m           Drive speed - stowed         5 km/h         1 km/h           Gradeability         5 km/h         4 k %           Permissible leveling         5 tm         1 km/h           Gradeability         5 tm         1 km/h           Gradeability         5 tm         2 tm           Permissible leveling         5 tm         2 tm           Wikeds         1 tm/h         2 tm           Tipes type         Foan-fillied         2 tm           Dive wheels (front / rea)         2 tm         2 tm           Steering wheels (front / rea)         5 tm         2 tm	· - /			
Overall height         h17         2.37 m           Overall height (stowed)         19         4.44 m           Overall height (stowed)         18         2.48 m           Floor height (access)         20         0.40 m           Counterweight offset (furet at 90")         a7         0.22 m           Internal turning adius (over fives)         b13         1.39 m           External turning adius (over fives)         b13         1.39 m           Counted calcance at cente of wheelbase         m2         0.36 m           Wheelbase         y         2.20 m           Purformances         y         2.20 m           Dive speed - raised         5 km/h         4.5 km/h           One speed - raised         5 km/h         4.5 km/h           Geadability         5 *         5 *           Permissible leveling         5 *         5 *           Wheels         2 / 2         5 *           Types bype         6 **         5 *         4 *           Dive wheels (front / rear)         2 / 2         2 / 2         2 / 2           Backing wheels (front / rear)         6 **         1 **         2 / 2         2 / 2           Braingle band model         6 **         1 **				
Overall leight (stowed)         19         4.44 m           Overall height (stowed)         18         2.63 m           Floor height (access)         20         0.40 m           Counteweight offset (uner at 907)         a7         0.22 m           Internal turning radius (over tyres)         Wa3         3.75 m           Ground clearance at centre of wheelbase         Wg         2.03 fm           Wheelbase         y         2.20 m           Performances         m2         5.5 mm/h           Dive speed - stowed         y         2.20 m           Dive speed - stowed         y         2.5 km/h           Dive speed - stowed         y         5.5 km/h           Dive speed - stowed         y         4.5 km/h           Gradeability         5         5 km/h           Permissible leveling         5         5 km/h           Wheels         5         5           Tyres type         Foam-filled         2.2 (2 stowed)           Dive wheels (front / rear)         2.2 (2 stowed)         2.2 (2 stowed)           Steeling wheels (front / rear)         Kubota - Dito 5 et al.         4.2 (2 stowed)           Brain braid / model         5         4.2 (2 stowed)         4.2 (2 stowed)	•			
Overall height (stowed)         h18         2.63 m           Floor height (access)         h20         0.40 m           Counterweight of set (unet at 90")         a7         0.22 m           Internal turning radius (over tyres)         b13         1.39 m           External turning radius (over tyres)         Wa3         3.75 m           Ground clearance at cente of wheelbase         m2         0.35 m           Performances         y         2.20 m           Performances         y         2.20 m           Drive speed - raised         5 km/h         4.5%           Ore speed - raised         1 km/h         5 km/h           Gradeability         5 tyres         5 tyres           Permisable leveling         5 tyres         5 tyres           Wheels         7 tyres tyre         Foam-filled           Dive wheels (front / rear)         2 / 2         2 / 2           Steering wheels (front / rear)         2 / 2         2 / 2           Braking wheels (front / rear)         4 tyres         2 / 2           Braking wheels (front / rear)         4 tyres         2 tyres           Braking wheels (front / rear)         4 tyres         2 tyres           Braking wheels (front / rear)         4 tyres         2 tyres<	•			
Floor height (access)	- , ,			
Counterweight offset (tunet at 90")         a7         0.22 m           Internal turning radius (over tyres)         b13         1.39 m           External turning radius         Wa3         3.75 m           Ground clearance at cente of wheelbase         m2         0.36 m           Wheelbase         y         2.20 m           Performances         The performances         The performances           Drive speed - raised         5 km/h           Groundellers         5 tm/h           Drive speed - raised         5 tm/h           Groundellers         5 tm/h           Femissible leveling         5 tm/h           Wheels         5 tm/h           Femissible leveling         5 tm/h           Wheels         5 tm/h           Femissible leveling         5 tm/h           Wheels         5 tm/h           Femissible leveling         5 tm/h           Wheels (front / rea)         5 tm/h           Drive wheels (front / rea)         2 / 2           Stering wheels (front / rea)         5 tm/h           Engine brand / model         Kubota - D1105-E48           Engine brand / model         1 tm/h           Engine brand / model         1 tm/h           Engine brand / mode				
Internal turning radius (over tyres)         b13         1.39 m           External turning radius         W3         3.75 m           Gound clearance at centre of wheelbase         y         2.036 m           Wheelbase         y         2.20 m           Performances         y         5 km/h           Drive speed - raised         1 km/h         1 km/h           Gradeability         45 %         45 %           Permissible leveling         5 *         ***           Wheels         Format-filled         5 *           Wheels (front / rear)         2 / 2         2 / 2           Sheaking wheels (front / rear)         2 / 2         2 / 2           Sheaking wheels (front / rear)         0 / 2         2 / 2           Banking wheels (front / rear)         0 / 2         2 / 2           Engine brand / model         Mubora - 1015-E4B         1 min mire / stage like, stage V           Engine brand / model         Mubora - 1015-E4B         1 min mire / stage like, stage V           Engine brand / model         1 min mire / stage like, stage V         2 min mire / stage like, stage V           Engine brand / model         1 min mire / stage like, stage V         2 min mire / stage like, stage V           Engine brand / model         1 min mire / stage like, stage				
External turning radius         Wa3         3,75 m           Ground clearance at centre of wheelbase         m2         0,36 m           Wheelbase         y         2,20 m           Performances         5 km/h           Drive speed - raised         1 km/h           Gradeability         45 %           Permissible leveling         5 *           Wheels         Foar-filled           Tyres type         Foar-filled           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Steering wheels (front / rear)         0 / 2           Engine Pattery         0 / 2           Engine pattery         Kubota - D1105-E4B           Engine power rating / Power (kW)         18,26 kW / 18,50 kW           Miscellaneous         11,60 dan/cm2           Hydraulic Pressure         541           Hydraulic Pressure         541           Hydraulic lank capacity         541           Fuel tank         521           Sound level at platform         105 dB           Noise to environment (LwA)         4 105 dB           Daily consumption **         6 10.00 dP/CPZ-CE-Machinery (revise European directives: 2006/42/EC-Machinery (revise European directives: 2006/42/EC-Machinery (rev				
Ground clearance at centre of wheelbase         m2         0.36 m           Wheelbase         y         2.20 m           Preformances         Common services         Skm/h           Drive speed - foswed         5 km/h         1 km/h           Gradeability         45 %         1 km/h           Permissible leveling         5 °         1 km/h           Wheels         6 Foornfilled         5 °           Wheels (front/ rear)         2 / 2         2 / 2           Steering wheels (front/ rear)         2 / 2         2 / 2           Steering wheels (front/ rear)         0 / 2         2 / 2           Baking wheels (front/ rear)         0 / 2         2 / 2           Engine Dated / model         Kubota - D1105-E4B         8           Engine Power (kW)         1 km/m miled         8           Miscellances         1 km/m         4           Ground Pressure         1 km/m miled         1 km/m           Hydraulic tank capacity         3 40 par         4 lut           Fuel tank         5 2 l         5 2 l           Sound level at platform         5 2 l         5 2 l           Daily consumption**         4 km/m         4 km/m         4 km/m           Noise to environment (LwA)<				
Wheelbase         y         2.20 m           Performances         Companies           Drive speed - stowed         5 km/h           Drive speed - raised         1 km/h           Gradeability         5 %           Femissible leveling         5 °           Wheels         Company         Company           Tyres type         Foarmfulled         2 / 2           Steering wheels (front/rear)         2 / 2         2 / 2           Steering wheels (front/rear)         0 / 2         2 / 2           Engine Dand / model         Kubota - 01105-E48         Interim Tier 4, Stage IllA, Stage V           LC. Engine power rating / Power (kW)         18.26 kW / 18.50 kW         18.26 kW / 18.50 kW           Miscellancous         11.60 dan/cm2         340 bar           Ground Pressure         340 bar         541           Hydraulic tank capacity         541         521           Sound level at platform         521         548           Sould level at platform         105 dB           Noise to environment (LwA)         4.081         4.081           Daily consumption **         4.081         4.081           This machine is in compliance with:         Eugopean directives: 2006/42/EC- Machinery (revesed)         EV280/2013) - 20	•			
Performances         Skm/h           Drive speed - stowed         5 km/h           Gradeablity         45 %           Permissible levelling         5 °           Wheels         ————————————————————————————————————				
Drive speed - raised         1 km/h           Gradeability         45 %           Permissible leveling         5 °           Wheels         5 °           Wheels         ————————————————————————————————————		y 2.20 III		
Drive speed - raised         1 km/h           Gradeability         45 %           Pemissible leveling         5°           Wheels         Commend of the properties of the propertie		5 km/h		
Grade ability         45 %           Permissible leveling         5 °           Wheels         Contact of the proper of the	·			
Pemissible leveling  Wheels Tyres type Drive wheels (front / rear) Steering wheels (front / r	·			
Wheels         Foam-filled           Tyres type         Foam-filled           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         0 / 2           Braking wheels (front / rear)         0 / 2           Engine/Battery         Kubota - D1105-E4B           Engine brand / model         Kubota - D1105-E4B           Engine power rating / Power (kW)         18.26 kW / 18.50 kW           Miscellaneous         11.60 dan/cm2           Ground Pressure         340 bar           Hydraulic Pressure         340 bar           Hydraulic tank capacity         52 l           Sound level at platform         52 l           Noise to environment (LwA)         105 dB           Daily consumption **         4.08 l           Standards compliance         European directives: 2006/42/EC- Machinery (revise Expacions) - 2004/108/EC (EMC) - 2006/95/EC				
Tynes type         Foam-filled           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         0 / 2           Braking wheels (front / rear)         0 / 2           Engine Power (Front / rear)         Kubota - D1105-E48           Engine power rating / Power (kW)         Kubota - D1105-E48           Interim Tier 4, Stage IllA, Stage V         18.26 kW / 18.50 kW           Miscellaneous         11.60 dan/cm2           Ground Pressure         340 bar           Hydraulic pressure         340 bar           Hydraulic tank capacity         52 1           Sound level at platform         52 1           Noise to environment (LwA)         105 dB           Daily consumption **         4 08 1           Standards compliance         European directives: 2006/42/EC- Machinery (revise EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC				
Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         0 / 2           Engine / Battery         0 / 2           Engine brand / model         Kubota - D1105-E4B           Engine norm         Interim Tier 4, Stage IIIA, Stage V           LC. Engine power rating / Power (kW)         18.26 kW / 18.50 kW           Miscellaneous         11.60 dan/cm2           Hydraulic Pressure         340 bar           Hydraulic tank capacity         54 l           Sound level at platform         105 d8           Noise to environment (LwA)         105 d8           Daily consumption **         4.08 l           Standards compliance         European directives: 2006/42/EC. Machinery (revise EN20013) - 2004/108/EC (EMC) - 2006/95/EC		Foamfilled		
Steering wheels (front / rear) 2 / 2   Braking wheels (front / rear) 0 / 2   Engine/Battery Kubota - D1105-E4B   Engine norm Interim Tier 4, Stage IIIA, Stage V   I.C. Engine power rating / Power (kW) 18.26 kW / 18.50 kW   Miscellaneous 11.60 dan/cm2   Forund Pressure 340 bar   Hydraulic Pressure 340 bar   Hydraulic tank capacity 54 I   Fuel tank 52 I   Sound level at platform 105 dB   Noise to environment (LwA) 105 dB   Daily consumption ** 4.08 I   Standards compliance European directives: 2006/42/EC- Machinery (revise EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC				
Braking wheels (front / rear)  Fignine / Bragine / Bragi	, ,			
Engine/Battery       Compose brand / model       Kubota - D1105-E4B         Engine norm       Interim Tier 4, Stage IIIA, Stage V         I.C. Engine power rating / Power (kW)       18.26 kW / 18.50 kW         Miscellaneous       0         Ground Pressure       \$11.60 dan/cm2         Hydraulic Pressure       340 bar         Hydraulic tank capacity       54 l         Fuel tank       52 l         Sound level at platform       105 dB         Noise to environment (LwA)       105 dB         Daily consumption **       4.08 l         Standards compliance       European directives: 2006/42/EC- Machinery (revise EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC	- , ,			
Engine brand / model Engine norm  Interim Tier 4, Stage IIIA, Stage V  1.C. Engine power rating / Power (kW)  Miscellaneous  Ground Pressure Hydraulic Pressure Hydraulic tank capacity Fuel tank Sound level at platform Noise to environment (LWA)  Daily consumption **  Standards compliance This machine is in compliance with:  Kubota - D1105-E4B  Kubota - D1105-E4B  Interim Tier 4, Stage IIIA, Stage V  18.26 kW / 18.50 kW  11.60 dan/cm2  340 bar  454 l  521 l  52		0 / 2		
Engine norm  1.C. Engine power rating / Power (kW)  1.C. Engine power rating / Stage IIIA, Stage IV  1.C. Engine power rating / Stage IIIA, Stage IV  1.C. Engine power rating / Stage IIIA, Stage IV  1.C. Engine power rating / Stage IIIA, Stage IV  1.C. Engine power rating / Stage IIIA, Stage IV  1.C. Engine power rating / Stage IIIA, Stage IV  1.C. Engine power rating / Stage IIIA, Stage IV  1.C. Engine power rating / Stage IVI  1.C. Engi	_ * *	Kuhota - D1105.E4R		
L.C. Engine power rating / Power (kW)       18.26 kW / 18.50 kW         Miscellaneous       Cound Pressure       Cound Pressure       Cound Pressure       Cound English on the County of the			ogo V	
Miscellaneous         Image: Control of the Sure of the Su	•		aye v	
Ground Pressure         11.60 dan/cm2           Hydraulic Pressure         340 bar           Hydraulic tank capacity         54 l           Fuel tank         52 l           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB		18.20 KW / 18.50 KW		
Hydraulic Pressure       340 bar         Hydraulic tank capacity       54 l         Fuel tank       52 l         Sound level at platform       105 dB         Noise to environment (LwA)       < 105 dB		11 60 day (aw)		
Hydraulic tank capacity         54 I           Fuel tank         52 I           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB				
Fuel tank         52 I           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB				
Sound level at platform  Noise to environment (LWA)  Daily consumption **  Standards compliance  This machine is in compliance with:  105 dB  4.08 I  4.08 I  European directives: 2006/42/EC- Machinery (revise EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC				
Noise to environment (LwA)  Daily consumption **  Standards compliance  This machine is in compliance with:  A 105 dB  4.08 I  4.08 I  European directives: 2006/42/EC- Machinery (revise EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC				
Daily consumption **  Standards compliance  European directives: 2006/42/EC- Machinery (revise EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC				
Standards compliance  European directives: 2006/42/EC- Machinery (revise This machine is in compliance with:  EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC	• /			
European directives: 2006/42/EC- Machinery (revise This machine is in compliance with: EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC	· · · · · · · · · · · · · · · · · · ·	4.081		
(Low voitage)		European directives: 2006/42/EC- Ma EN280:2013) - 2004/108/EC (EMC) (Low voltage)	chinery (revised - 2006/95/EC	

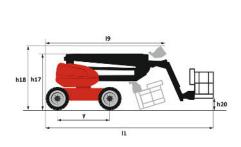
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"  $\,$ 

## 160 ATJ - Load chart

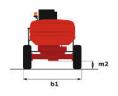
## Load Chart for AWP Metric



160 ATJ - Dimensional drawing







# **Equipment**

## 220V predisposition in the platform 4 simultaneous movements 4 wheel drive 4 wheel steer with crab mode Audible alarm and illuminated indicator lamp (leveling, overload, lowering) Backup electrical pump Basket 1,800 mm CAN bus technology Dead man pedal Differential locking on rear axle Easy Manager Emergency stop button in platform and on frame Front axle with limited slip Fuel gauge with low level indicator Fully galvanized basket with demountable floor Horn in the platform Hour meter Leveling unlocking Load sensing pump Oscillating front axle Steer and rotate Stop & Go system

### Optional 18" tyres Battery charger Battery cut-off Beep on every movement Beep upon travel Biodegradable oil Catalytic cleaner Coded anti-start Cold weather protection oil Continuous turret rotation Fully galvanized basket 1800mm with lateral door Galvanized basket 2,100 mm Highly capacity battery Lockable fuel cap Onboard generator (3,5 or 5 kW) Personalized paintwork SPS : Secondary protection system Safety harness Spark arrester Water heater Water predisposition Working headlight in platform





#### **Head Office**

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