Technical sheet:

# 160 ATJ



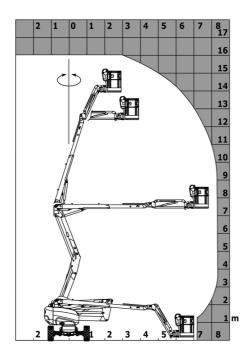


Cispecties         Medic           Working height (access)         121         15.07m           Floor height (access)         200         0.45 m           Max. outside         75         11.00 m           Max. outside         2         8.38 m           Owerhang         9         2.55 m           Fordular am rotation (tips / bettim)         9         2.50 m           Efform casesion         9         2.20 kg           Time stedion         9         2.70 m           Number of propole (undor / outdor)         9         2.72 m           Number of propole (undor / outdor)         9         7.72 m           Number of propole (undor / outdor)         9         7.72 m           Number of propole (undor / outdor)         9         7.12 m           Number of propole (undor / outdor)         9         1.10 m         2.00 m           Number of propole (undor / outdor)         10         9         7.72 m           Number of propole (undor / outdor)         10         6.88 m         1.10 m         6.00 m           Coulling (undor / outdor)         10         9         1.00 m         6.00 m         1.00 m         6.00 m         1.00 m         6.00 m         1.00 m         6.00 m         6.	A 111		
Floor height  scoress    100	•		
Parform respect	• •		
Max outwach         8.30 m           One-blang         7.50 m           Pendular am rotation (top J bottom)         465 */ 55.50 **           Platform capacity         30           Platform outsion (inght / left)         30 **           Number of people (motor) outsion (inght / left)         2 * 2/2           Weight and dimensions         1 * 6.60 m           Platform weight*         11         6.68 m           Platform weight*         11         6.88 m           Platform weight*         11         6.88 m           Platform weight*         11         6.88 m           Oweall length         15         2.23 m           Oweall length (stowed)         16         2.23 m           Oweall length (stowed)         19         4.44 m           Oweall length (stowed)         19         4.44 m           Oweall length (stowed)         19         4.24 m           Counterweight Oversize / Reach         27         0.22 m           Counterweight Oversize / Reach         27         0.22 m           External tuming addus         22         0.36 m           Bive speed - stowed         22         5.5mh           Guide clearnear extertee of wheebase         22         5.5mh			
Overlaing         7.50 m           Pendular am rotation (top / bottom)         68 7.95 5.0 °           Platform capacity         0         2330 kg           Turnet rotation         2         330 °           Platform protation (njebt / left)         2 / 2           Number of people (indoor / outdoor)         2 / 2           Waghst and dimensions         9 / 90° *           Platform missions (leigh x width)         10 / 90         1818 ma x 0.80 m           Overall leighth         11 / 2.32 m         6.68 m           Overall leighth         11 / 2.32 m         6.88 m           Overall leighth         15 / 2.32 m         9 / 4.44 m           Overall leight (stowed)         18 / 9 / 2.20 m         1.22 m           Overall leight (stowed)         18 / 9 / 2.20 m         0.22 m           Counterweight offset (unert at 90°)         2 / 9 / 2.20 m         0.22 m           Counterweight offset (unert at 90°)         8 / 9 / 2.20 m         0.22 m           Outer speed - stated         9 / 9 / 2.20 m         1.20 m           Drive speed - stated         9 / 9 / 2.20 m         5 km/h           Drive speed - stated         9 / 9 / 2.20 m         5 km/h           Drive speed - stated         9 / 9 / 2.20 m         5 km/h	•	h7	
Pendular am rotation (top / bottom)         465 f * 55.50 a*           Platform capacity         Q         230 kg           Platform option (tiplit /left)         380 a*         90 * 790 a*           Walph and option (tiplit /left)         2 2 / 2           Walph and dimensions         2 2 / 2           Platform weight*         6 1616 kg           Platform weight*         11         6.68 m           Overall length         11         6.68 m           Overall length         11         6.68 m           Overall length (stowed)         16         2.22 m           Overall length (stowed)         16         2.23 m           Overall length (stowed)         16         2.23 m           Overall length (stowed)         47         0.22 m           Counterweight Chemise / Reach         17         2.37 m           Outerweight Chemise / Reach         7         0.22 m           Extend laming stdus         7         0.22 m           Outerweight Chemise / Reach         7         2.20 m           Dive speed - stowed         7         2.20 m           Preformances         9         5 km/h           Dive speed - stowed         5 km/h         4 k k           Gardaeliliy	Max. outreach		
Pattor mapacity         Q         230 kg           Unard robation (ight / left)         350 °           Number of people (indoor/ outbool)         2 C           Waish and dimensions (leght x width)         6 C           Understand (leght x width)         10 Je         6 1610 kg           Overall length         11 G         6.68 m           Overall width         b1         2.22 m           Overall width         b1         2.23 m           Overall height (stowel)         18 m         2.23 m           Overall height (stowel)         19 m         4.44 m           Overall height (stowel)         18 m         2.23 m           Counterweight offset (unret at 90°)         2 m         2 m         2 m           Counterweight offset (unret at 90°)         2 m         2 m         2 m           External tuming and tuming a counter of wheelase         y         2 m         2 m         2 m	Overhang		7.50 m
Ture totalisin         350 °           Part afform instition (right / left)         90 ° y0 °           Number of people (indoor)         2 / 2           Weight and dimensions           y ep           Platform weight           j / ep         1.80 m x 0.30 m           Platform weight           j / ep         1.80 m x 0.30 m           Overall length           bl         2.32 m           Overall height (towed)           j          4.44 m           Overall height (towed)           j          4.22 m           Counterweight Oversize / Reach           j          2.22 m           External huming radiu           w 3         3.75 m           Oround elevatize / Reach           j          3.22 m           Oround elevatize / Reach           j          3.42 m <tr< td=""><td>Pendular arm rotation (top / bottom)</td><td></td><td>+65 ° / -59.50 °</td></tr<>	Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Patform botalon (right / left)         90 */ 90 *           Number of people (indoor/ outdoor)         2 / 2           Warght and dimensions         6160 kg           Platform weight*         1 / 9 (months)           Patform dimensions (leigh x widh)         1 / 1 (months)           Overall leight         11 (months)           Overall leight         1 / 1 (months)           Overall leight (stowed)         19 (months)           Overall height (stowed)         2 (months)           Overall height (stowed)         37 (months)           Outs (stowed)         9 (months) <td>Platform capacity</td> <td>Q</td> <td>230 kg</td>	Platform capacity	Q	230 kg
Number of people (Indoor / outdoor)         2 / 2           Weight and dimensions         6160 kg           Platform weight?         6160 kg           Platform weight?         11         6.68 m           Overall length x width)         b1         2.32 m           Overall length (stowed)         b1         2.32 m           Overall length (stowed)         f17         2.37 m           Overall length (stowed)         f18         2.63 m           Overall length (stowed)         f18         2.63 m           Counterweight Oversize / Reach         a7         0.22 m           Counterweight Oversize / Reach         wa3         3.75 m           Counterweight Oversize / Reach         y         2.20 m           External tuming radius         wa3         3.75 m           Counterweight Oversize / Reach         y         2.20 m           External tuming radius         x         5 km/h	Turret rotation		350 °
Weight and dimensions         6160 kg           Platform weight?         10 / ep         1.50 m x 0.80 m           Owenll leignh         11         6.68 m           Overall width         b1         2.32 m           Overall height         1.17         2.37 m           Overall height (stowed)         19         4.44 m           Owenth leight (stowed)         18         2.63 m           Counterweight Offset (turet at 90°)         a7         0.22 m           Counterweight Offset (turet at 90°)         wa3         3.75 m           Counterweight Offset (turet at 90°)         wa3         3.75 m           Orea (destance at cente of wheelbase         wa3         3.75 m           Wheelbase         y         2.20 m           Performance         y         2.20 m           Dive speed - stowed         y         5 km/h           Universities         \$         5 km/h           Winesia         \$	Platform rotation (right / left)		90 ° / 90 °
Platform weight*         jp / ep         1.810 m x 0.80 m           Platform dimension (length x width)         jp / ep         1.80 m x 0.80 m           Overall length         b1         6.68 m           Overall beight         b1         2.32 m           Overall length (stowed)         lp         4.44 m           Overall length (stowed)         lp         4.44 m           Overall length (stowed)         lp         4.44 m           Overall length (stowed)         lp         4.23 m           Overall length (stowed)         lp         4.44 m           Overall length (stowed)         lp         4.23 m           Overall length (stowed)         lp         4.23 m           Overall length (stowed)         lp         4.24 m           Overall length (stowed)         lp         4.25 m           Counteweight Oversize / Reach         lp         0.22 m           External tuming radius         m2         0.28 m           Ground diesance at centre of wheelbase         m2         2.08 m           Breferance         y         2.20 m           Performance         y         2.20 m           Drive speed - raised         p         5 km/h           Orive speed - stowed	Number of people (indoor / outdoor)		2 / 2
Platform dimensions (length x width)         Ip / ep         1.80 m x 0.80 m           Overall length         11         6.88 m           Overall belight         b1         2.32 m           Overall height (stowed)         19         4.44 m           Overall height (stowed)         19         4.44 m           Counterweight (stowed)         18         2.53 m           Counterweight (stowed)         27         0.22 m           Counterweight (stowed)         27         0.22 m           Counterweight (stowed)         28         0.22 m           Counterweight (stowersize / Reach         28         0.22 m           External turning radius         Wa3         3.75 m           Ground clearance at centre of wheelbase         M2         2.20 m           Wheelbase         y         2.20 m           Price speed - stowed         y         2.20 m           Drive speed - stowed         5         5 km/h           Unive speed - stowed         5         5 km/h           Gradability         5         5         7           Wheels         5         Foar-filled           Standard ties         5         2 /2 /2         2 /2 /2         2 /2 /2         2 /2 /2         2 /2 /2	Weight and dimensions		
Overall leighth         b1         6.68 m           Overall width         b1         2.32 m           Overall leight         h17         2.37 m           Overall leight (stowed)         l9         4.44 m           Overall leight (stowed)         h18         2.63 m           Ounterweight (street (uret at 90°)         a7         0.22 m           Counterweight (Street (uret at 90°)         a7         0.22 m           Counterweight (Street (uret at 90°)         m2         0.36 m           Counterweight (Street (uret at 90°)         m2         0.35 m           Counterweight (Street (uret at 90°)         m2         0.36 m           Counterweight (Street (uret at 90°)         m2         0.36 m           Wheelbase         y         2.20 m           Performance         y         2.20 m           Wheelbase         y         2.20 m           Performance         y         2.20 m           Dive speed - stowed         y         2.5 km/h           Dive speed - stowed         y         5 km/h           Dive speed - stowed         y         5 km/h           Standard tires         g         5 km/h           Standard tires         g         2 /2	Platform weight*		6160 kg
Overall width         b1         2.32 m           Overall height         h17         2.37 m           Overall height (stowed)         19         4.44 m           Overall height (stowed)         h18         2.53 m           Outerweight off Set (umet at 90")         7         0.22 m           Counterweight Off Set (umet at 90")         7         0.22 m           Counterweight Off Set (umet at 90")         9         2.20 m           External tuming radius         Wa3         3.75 m           Ground clearance at centre of wheelbase         y         2.20 m           Dire speed - taised         1 km/h         6           Gradeability         5 s km/h         1 km/h           Gradeability         5 s         5           Permissible leveling         5 s         5           Tites type         6         5 s           Sandard tites         834 x 298 mm         834 x 298 mm           Dire wheels (front / rea)         2 / 2         2           Besking wheels (f	Platform dimensions (length x width)	lp / ep	1.80 m x 0.80 m
Overall height         bit         2.32 m           Overall height (stowed)         19         4.44 m           Overall height (stowed)         h18         2.63 m           Ounterweight offset (umet at 90°)	Overall length	l1	6.68 m
Overall length (stowed)         19         4.44 m           Overall height (stowed)         188         2.53 m           Counterwight Oversize / Reach         27         0.22 m           External turning addus         M3         3.75 m           Ground clearance at centre of wheelbase         M2         0.36 m           Wheelbase         y         2.20 m           Proformances         y         2.20 m           Drive speed - stowed         5         5 km/h           Corad-ability         5         5 km/h           Cradeability         5         5 km/h           Cradeability         5         5 km/h           Wheels         5         5 km/h           Standard time         5         5 km/h           Wheels         5         5 km/h           Standard time         5         5 km/h           Drive wheels (front / rear)         6         5 cm/h           Standard time         5         6 cm/h           Standard time         6         2 / 2           <		b1	2.32 m
Overall length (stowed)         19         4.44 m           Overall height (stowed)         188         2.53 m           Counterwight Oversize / Reach         27         0.22 m           External turning addus         M3         3.75 m           Ground clearance at centre of wheelbase         M2         0.36 m           Wheelbase         y         2.20 m           Proformances         y         2.20 m           Drive speed - stowed         5         5 km/h           Corad-ability         5         5 km/h           Cradeability         5         5 km/h           Cradeability         5         5 km/h           Wheels         5         5 km/h           Standard time         5         5 km/h           Wheels         5         5 km/h           Standard time         5         5 km/h           Drive wheels (front / rear)         6         5 cm/h           Standard time         5         6 cm/h           Standard time         6         2 / 2           <	Overall height	h17	2.37 m
Counterweight Offset (unret at 90°)         a7         0.22 m           Counterweight (versize / Reach         0.22 m         0.22 m           External tuning radius         wa3         3.75 m           Ground clearance at centre of wheelbase         m2         0.36 m           Wheelbase         y         2.20 m           Performance         y         5 km/h           Drive speed - stowed         5 km/h         1 km/h           Ordeability         45 %         45 %           Pemissible leveling         5 °         5 °           Wheels         5 Foormfilled         5 °           Standard tires         834 x 298 mm         2 / 2           Drive wheels (front / rear)         2 / 2         2 / 2           Steaking wheels (front / rear)         2 / 2         2 / 2           Engine Plater         9 / 2 / 2         2 / 2           Engine Plater         9 / 2 / 2         2 / 2           Engine power aling / Power         9 / 2 / 2         2 / 2           Engine power aling / Power         9 / 2 / 2 / 2         2 / 2           Mysteel (Front / rear)         9 / 2 / 2 / 2         2 / 2           Engine power aling / Power         9 / 2 / 2 / 2         3 / 3 / 3 / 2           Eng	Overall length (stowed)	19	4.44 m
Counterweight Offset (turet at 90°)         a7         0.22 m           Counterweight Oversize? (Reach         Mas         3.75 m           External turning radius         m2         0.36 m           Ground clearance at centre of wheelbase         y         2.036 m           Wheelbase         y         2.20 m           Performance         y         5 km/h           Drive speed - stowed         5         5 km/h           Orive speed - raised         1 km/h         45 %           Gradeability         45 %         5 *           Pemissible leveling         5 *         6 *           Wheels         Foam-filled         5 *           Tires type         Foam-filled         834 x 298 mm           Standard tires         834 x 298 mm         834 x 298 mm           Drive wheels (front/ rear)         2 2 / 2         2 / 2           Staking wheels (front/ rear)         8 Kubota - Ditos-E4B         1 (2 / 2)           Engine Dand / model         Kubota - Ditos-E4B         1 (2 / 2)           Engine power rating / Power         1 (2 / 2)         2 / 2           Engine power rating / Power         2 (2 / 2)         3 / 4) Engine (2 / 2)           Mydraulic oil tank capacity         3 (3 / 4) Engine (2 / 4)         <	Overall height (stowed)	h18	2.63 m
Counterweight Oversize / Reach         Wa3         3.75 m           External tuming radius         Wa3         3.75 m           Cround clearance at centre of wheelbase         y         2.20 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 °         45 %           Wheels         Foart-filled         5 °           Wheels         6 Foart-filled         6 834 x 298 mm           Standard tires         834 x 298 mm         2 / 2           Steering wheels (front / rear)         2 / 2         2 / 2           Steering wheels (front / rear)         6 Cy         6 Cy           Engine brand / moel         Kubot - D1105-E4B         1 testim Tier 4, Stage IIIA, Stage V           LC. Engine power rating / Power         5 Riberta Stage IIIA, Stage V         2 4.50 Hp / 18.50 kW           Miscellaneus         5 Interim Tier 4, Stage IIIA, Stage V         4 4.50 Hp / 18.50 kW           Miscellaneus         5 Interim Tier 4, Stage IIIA, Stage V         4 4.50 Hp / 18.50 kW           Hydraulic Pessure         4 340 bar         5 1 Interim Tier 4, Stage IIIA, Stag		a7	0.22 m
External funing radius         Wa3         3.75 m           Ground clearance at centre of wheelbase         m2         0.36 m           Wheelbase         9         2.20 m           Performances			0.22 m
Ground clearance at centre of wheelbase         m2         0.36 m           Wheelbase         y         2.20 m           Performances         Company of the property	•	Wa3	3.75 m
Wheelbase         y         2.20 m           Performances         Commander         Commander           Drive speed - stowed         5 km/h           Drive speed - stowed         1 km/h           Gradeability         45 %           Permissible leveling         5 °           Wheels         Commander           Standard tires         834 x 298 mm           Standard tires         334 x 298 mm           Drive wheels (front / rear)         2 2 / 2           Steening wheels (front / rear)         3 2 / 2           Braking wheels (front / rear)         6 2 / 2           Braking wheels (front / rear)         8 9 / 2 / 2           Braking wheels (front / rear)         9 1 / 2           Braking wheels (front / rear)         6 2 / 2           Braking wheels (front / rear)         8 9 / 2 / 2           Braking wheels (front / rear)         9 0 / 2           Braking wheels (front / rear)         6 0 / 2           Braking wheels (front / rear)         8 9 / 2 / 2           Braking wheels (front / rear)         9 0 / 2           Braking wheels (front / rear)         6 0 / 2           Braking wheels (front / rear)         6 0 / 2           Braking wheels (front / rear)         6 0 / 2           Bra	•		
Performances         Commender           Drive speed - stowed         5 km/h           Drive speed - raised         1 km/h           Gradeability         45 %           Permissible leveling         5°           Wheels         5           Tires type         Foam-filled           Standard tires         834 x 298 mm           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         0 / 2           Engline brand / model         Kubota - D1105-E48           Engine nom         Kubota - D1105-E48           I.C. Engine power rating / Power         11.60 dan/cm2           Miscellaneous         11.60 dan/cm2           Ground Pressure         3.40 bar           Hydraulic Pressure         54 1           Hydraulic oil tank capacity         54 1           Fuel tank         52 1           Sound level at platform         6 105 dB           Noise to environment (LwA)         < 105 dB		٧	
Drive speed - stowed         5 km/h           Drive speed - raised         1 km/h           Gradeability         45 %           Permissible leveling         5 °           Wheels         5 °           Tires type         Foarn-filled           Standard tires         834 x 298 mm           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         6 / 2           Engine Pattery         Kubota - D1105-E4B           Engine norm         Kubota - D1105-E4B           Engine power rating / Power         Kubota - D1105-E4B           Miscellaneous         4 5 × 30           Ground Pressure         11.60 dan/cm2           Hydraulic Pressure         340 bar           Hydraulic placeacity         54 I           Fuel tank         51           Sound level at platform         51           Noise to environment (LwA)         105 dB	Performances		
Drive speed - raised         1 km/h           Gradeability         45 %           Permissible leveling         5°           Wheels         Commercial           Tires type         Foam-filled           Standard tires         834 x 298 mm           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         0 / 2           Engine Postard / model         Kubota - D1105-E4B           Engine norm         Kubota - D1105-E4B           LC. Engine power rating / Power         11.60 dan/cm2           Miscellaneous         340 bar           Ground Pressure         340 bar           Hydraulic Pressure         340 bar           Hydraulic pressure         54 l           Fuel tank         52 l           Sound level at platform         52 l           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB			5 km/h
Gradeability         45 %           Permissible leveling         5°           Wheels         ***********************************			
Pemissible leveling         5°           Wheels         Commendation           Standard tires         834 x 298 mm           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         0 / 2           Engine brand / model         Kubota - D1105-E4B           Engine norm         Interim Tier 4, Stage IIIA, Stage V           I.C. Engine power rating / Power         1 (2 ± 5.50 Hp / 18.50 kW)           Miscellaneous         11.60 dan/cm2           Ground Pressure         340 bar           Hydraulic Pressure         340 bar           Hydraulic oil tank capacity         5 ± 1           Fuel tank         52 I           Sound level at platform         105 dB           Noise to environment (LWA)         < 105 dB			
Wheels         Foam-filled           Standard tires         834 x 298 mm           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         0 / 2           Engine Batery         Wubota - D1105-E4B           Engine norm         Kubota - D1105-E4B           Engine power rating / Power         1nterim Tier 4, Stage IllA, Stage V           LC. Engine power rating / Power         24.50 Hp / 18.50 kW           Wiscellaneous         11.60 dan/cm2           Hydraulic Pressure         340 bar           Hydraulic pressure         54 I           Fuel tank         52 I           Sound level at platform         52 I           Noise to environment (LWA)         105 dB			
Tires type         Foam-filled           Standard tires         834 x 298 mm           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         0 / 2           Engine /Battery         5            Engine brand / model         Kubota - D1105-E4B           Engine norm         Kubota - D1105-E4B           I.C. Engine power rating / Power         1 / 2 / 2           Miscellaneous         2 / 2 / 2           Ground Pressure         1 1.60 dan/cm2           Hydraulic Pressure         3 40 bar           Hydraulic oil tank capacity         5 4 I           Fuel tank         5 2 I           Sound level at platform         1 05 dB           Noise to environment (LwA)         < 105 dB	<u> </u>		<del>-</del>
Standard tires         834 x 298 mm           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         0 / 2           Engine/Battery         Wibbota - D1105-E4B           Engine brand / model         Kubbota - D1105-E4B           Engine norm         Ruser atting / Power           I.C. Engine power rating / Power         24.50 Hp/18.50 kW           Miscellaneous         11.60 dan/cm2           Hydraulic Pressure         340 bar           Hydraulic Pressure         340 bar           Hydraulic oil tank capacity         54 I           Fuel tank         52 I           Sound level at platform         105 dB           Noise to environment (LWA)         < 105 dB			Foam-filled
Drive wheels (front / rear)2 / 2Steering wheels (front / rear)2 / 2Braking wheels (front / rear)0 / 2Engine/BatteryKubota - D1105-E4BEngine brand / modelKubota - D1105-E4BEngine normInterim Tier 4, Stage IllA, Stage VI.C. Engine power rating / Power2 4.50 Hp / 18.50 kWMiscellaneous11.60 dan/cm2Ground Pressure340 barHydraulic Pressure340 barHydraulic oil tank capacity54 IFuel tank52 ISound level at platform105 dBNoise to environment (LwA)< 105 dB	"		
Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         0 / 2           Engine/Battery         Cuber           Engine brand / model         Kubota - D1105-E4B           Engine norm         Interim Tier 4, Stage IllA, Stage V           I.C. Engine power rating / Power         24.50 Hp / 18.50 kW           Miscellaneous         11.60 dan/cm2           Ground Pressure         340 bar           Hydraulic Pressure         340 bar           Hydraulic oil tank capacity         54 l           Fuel tank         52 l           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB			
Braking wheels (front / rear)         0 / 2           Engine /Battery         Cuber           Engine brand / model         Kubota - D1105-E4B           Engine norm         Interim Tier 4, Stage IIIA, Stage V           I.C. Engine power rating / Power         24.50 Hp / 18.50 kW           Miscellaneous         11.60 dan/cm2           Ground Pressure         340 bar           Hydraulic Pressure         340 bar           Hydraulic oil tank capacity         54 l           Fuel tank         52 l           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB	, , ,		
Engine/Battery         Kubota - D1105-E4B           Engine brand / model         Kubota - D1105-E4B           Engine norm         Interim Tier 4, Stage IIIA, Stage V           I.C. Engine power rating / Power         24.50 Hp / 18.50 kW           Miscellaneous         Til.60 dan/cm2           Ground Pressure         340 bar           Hydraulic Pressure         340 bar           Hydraulic oil tank capacity         54 l           Fuel tank         52 l           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB	- ` '		
Engine brand / model         Kubota - D1105-E4B           Engine norm         Interim Tier 4, Stage IIIA, Stage V           I.C. Engine power rating / Power         24.50 Hp / 18.50 kW           Miscellaneous         50           Ground Pressure         11.60 dan/cm2           Hydraulic Pressure         340 bar           Hydraulic oil tank capacity         54 I           Fuel tank         52 I           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB			072
Engine norm         Interim Tier 4, Stage IIIA, Stage V           I.C. Engine power rating / Power         24.50 Hp / 18.50 kW           Miscellaneous         Cround Pressure           Ground Pressure         340 bar           Hydraulic Pressure         340 bar           Hydraulic oil tank capacity         54 l           Fuel tank         52 l           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB			Kubota - D1105-E4B
1.C. Engine power rating / Power       24.50 Hp / 18.50 kW         Miscellaneous         Ground Pressure       11.60 dan/cm2         Hydraulic Pressure       340 bar         Hydraulic oil tank capacity       54 I         Fuel tank       52 I         Sound level at platform       105 dB         Noise to environment (LwA)       < 105 dB			
Miscellaneous         Cround Pressure         11.60 dan/cm2           Hydraulic Pressure         340 bar           Hydraulic oil tank capacity         54 l           Fuel tank         52 l           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB	-		
Ground Pressure         11.60 dan/cm2           Hydraulic Pressure         340 bar           Hydraulic oil tank capacity         54 l           Fuel tank         52 l           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB			24.30 πμ / 10.30 kW
Hydraulic Pressure       340 bar         Hydraulic oil tank capacity       54 l         Fuel tank       52 l         Sound level at platform       105 dB         Noise to environment (LwA)       < 105 dB			11.60 don/om2
Hydraulic oil tank capacity  Fuel tank Sound level at platform Noise to environment (LwA)  54 I 52 I 50 I 50 B 41 52 I 50 B 52 I 50 B			
Fuel tank         52 I           Sound level at platform         105 dB           Noise to environment (LwA)         < 105 dB	·		
Sound level at platform 105 dB Noise to environment (LwA) < 105 dB	•		
Noise to environment (LwA) < 105 dB			
vany consumption 4.08 I			
	Daily consumption ^^		4.08 1

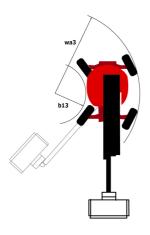
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered \*\* According to "REDUCE cycle"  $\,$ 

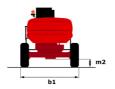
## 160 ATJ - Load chart

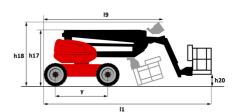
### Load Chart for MEWP Metric



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
Biodegradable oil
Catalytic cleaner
Coded anti-start
Cold weather protection oil
Continuous turret rotation
Fully galvanized basket 1800mm / 5'11" with lateral door
Galvanized basket 2,100 mm
Highly capacity battery
Lockable fuel cap
On-board generator (3,5 or 5 kW)
Personalized paintwork
Safety hamess
Secondary Protection System (SPS)
Spark arrester
Water heater
Water predisposition
Working headlight in platform





#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes