Technical sheet:

160 ATJ



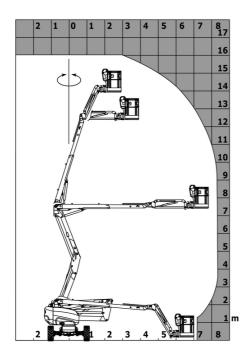


Floor height (scores) 100 0.45 m 100 1	Capacities		Metric
Pietform (Pietform (Pietform)	Working height	h21	16.02 m
Max. outroach 8.30 m Overhang 7.50 m Pendular am rotation (top / bottom) 455 7.59.50 ° Platform capacity 0 220 kg Turnet cotation 50 ° 90 °, 790 ° Platform valiation (fully / left) 90 °, 790 ° Number of people (modor) custodor) 2 (2 c Weight and dimensions ————————————————————————————————————	Floor height (access)	h20	0.45 m
Ownhang 7.50m Perbadian am hobition (top / bottom) 465 * / - 59.50 * Platform capacity Q 200 kg Tunet rotation 350 * Platform capacity 90 * 000 * Number of people (indoor / outdor) 2 / 2 Wedgel and dimensions 100 * <td>Platform height</td> <td>h7</td> <td>14.02 m</td>	Platform height	h7	14.02 m
Pendular ammination (top / bottom)	Max. outreach		8.30 m
Platform appaired Q 320 kg	Overhang		7.50 m
Turnet trolation 350° Platform rotation (right / left) 90° / 90° Number of people (indoor) audion) 2 / 2 Weight and dimensions 1 Platform weight* 10 / 90° Patform weight* 11 6.68 m Overall leight 11 6.68 m Overall weight (stowed) 19 4.44 m Overall leight (stowed) 19 4.44 m Overall leight (stowed) 39 4.44 m Overall leight (stowed) 47 0.22 m Counterweight of Isst (unut at 90°) 37 0.22 m Cunterweight of Isst (unut at 90°) 47 0.22 m Cunterweight of Isst (unut at 90°) 47 0.22 m Cunterweight of Isst (unut at 90°) 47 0.22 m Cutterweight of Isst (unut at 90°) 40 0.35 m Outer septed stowed 72 0.22 m External luming radius Wa3 3.75 m Gound deceance a centre of wheelbase y 2.20 m Préformance y 5 km/h Dives spe	Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform sotation (right / left) Aumber of people (indoor / outdoor) Aumber of people (indoor / outdoor) Aumber of people (indoor / outdoor) Platform weight*	Platform capacity	Q	230 kg
Number of people (indoor / outdoor) Weight and dimensions Parform weight*	Turret rotation		350 °
Weight and dimensions 6160 kg Platform weight* 6160 kg Platform dimensions (ength x width) lp / pg 1.80 m x 0.80 m Overall length b1 6.68 m Overall height b1 2.32 m Overall height (stoved) h17 2.37 m Overall height (stoved) h18 2.63 m Counterweight Offset (furrel at 90°) a7 0.22 m Counterweight Oversize / Reach wa 0.22 m External turning radius wa 3.75 m Gound clearance at centre of wheelbase wa 3.75 m Weelbase y 2.20 m Performations m2 0.36 m Drive speed - stowed y 2.20 m Performations y 2.20 m Drive speed - stowed y 2.20 m Permissible leveling 5 km/h 1 km/h Gradeability 5 t 45 % 5 t Permissible leveling 5 t 45 % 5 t Standard times 8.34 x 2.98 mm 2 /	Platform rotation (right / left)		90 ° / 90 °
Platform weight*	Number of people (indoor / outdoor)		2/2
Platform dimensions (length x width) Ip / ep 1.80 m x 0.80 m Owerall length II 6.68 m Owerall width b1 2.32 m Owerall height ib17 2.37 m Overall height (stowed) ip9 4.44 m Owerall height (stowed) ip9 4.44 m Owerall height (stowed) ip8 2.20 m Outerweight Offset (furet at 90°) a7 0.22 m Counterweight Oversize / Reach w3 3.75 m Stouch clearance at cente of wheelbase m2 0.36 m Wheelbase m2 0.36 m Wheelbase m2 0.36 m Drive speed - stowed m2 0.50 m Drive speed - stowed 5 km/h 1 km/h Gradeability 5 km/h 5 km/h Gradeability 5 km/h 1 km/h Gradeability 5 km/h 1 km/h Gradeability 6 km/h 2 km/h Titles spee 8 km/h 8 km/h Stondard ties 8 km/h 2 km/h	Weight and dimensions		
Overall length 11 6.68 m Overall windth 51 2.32 m Overall length (stowed) 19 4.44 m Overall height (stowed) 19 4.44 m Overall height (stowed) 18 2.53 m Counterweight (fest (unet at 90°) a7 0.22 m Counterweight Oversize / Reach 9 0.22 m External tuming radius Wa3 3.75 m Ground clearance at center of wheelbase y 2.20 m Perdomances y 2.20 m Dive speed - raised 1 km/h 1 km/h Groundelling 5 km/h 1 km/h Groundelling 6 km/h 2 / 2 Steerin	Platform weight*		6160 kg
Overall length 11 6.68 m Overall width b1 2.32 m Overall length (stowed) 19 4.44 m Overall height (stowed) 19 4.44 m Overall height (stowed) 18 2.63 m Counterweight Oversize / Reach 9 0.22 m Counterweight Oversize / Reach Wa3 3.75 m Ground clearance at entre of wheelbase y 2.20 m Performances y 2.20 m Dive speed - raised y 2.20 m Dive speed - raised 1 km/h 4.5 k Gendeability 5 5 km/h Permissible leveling 5 * ** Vikeds 834 x 298 mm ** Dive wheels (front / rear) 834 x 298 mm ** Dive wheels (front / rear) 2 / 2 ** Steering wheels (front / rear) Kubota - Dit 0.5 kB ** Steering wheels (front / rear) Kubota - Dit 0.5 kB ** Engine Dand / model Kubota - Dit 0.5 kB ** Engine Dand / model	Platform dimensions (length x width)	lp / ep	1.80 m x 0.80 m
Overall width b1 2.32 m Overall height (stowed) 19 4.44 m Overall height (stowed) 19 4.44 m Overall height (stowed) 18 2.53 m Counterweight offset (unert at 90°) 7 0.22 m Counterweight offset (unert at 90°) 9 0.22 m Counterweight offset (unert at 90°) 9 0.35 m Counterweight offset (unert at 90°) 92 0.36 m Wheelbase y 2.20 m Performances y 2.20 m Dive speed - raised 1 km/h 1 km/h Gradeability 45 % 1 km/h Gradeability 45 % 1 km/h Gradeability 5 * 1 km/h Standard ties 834 x 298 mm 2 / 2 Steering wheels (front / ear) 2 / 2 / 2 Steering wheels (front / ear)			6.68 m
Overall leight (stowed) 19 4.44 m Overall leight (stowed) h18 2.63 m Counterweight (set (unter at 90°) a7 0.22 m Counterweight Oversize / Reach Wa3 3.75 m External turning radius Wa3 3.75 m Ground clearance at centre of wheelbase y 2.20 m Wheelbase y 2.20 m Performances y 2.20 m Drive speed - raised 1 km/h 1 km/h Gradeability 45 % 1 km/h Gradeability 5 * *** Permissible leveling 5 * *** Wheels 1 km/h 45 % Standard tires 834 x 298 m *** Drive wheels (front / rear) 2 /2 2 Stering wheels (front / rear) 2 /2 2 Braking wheels (front / rear) 2 /2 2 Braking wheels (front / rear) 6 /2 2 /2 Braking wheels (front / rear) 6 /2 2 /2 Braking wheels (front / rear) 6 /2	Overall width	b1	2.32 m
Overall leight (stowed) 19 4.44 m Overall leight (stowed) h18 2.63 m Counterweight (set (unter at 90°) a7 0.22 m Counterweight Oversize / Reach Wa3 3.75 m External turning radius Wa3 3.75 m Ground clearance at centre of wheelbase y 2.20 m Wheelbase y 2.20 m Performances y 2.20 m Drive speed - raised 1 km/h 1 km/h Gradeability 45 % 1 km/h Gradeability 5 * *** Permissible leveling 5 * *** Wheels 1 km/h 45 % Standard tires 834 x 298 m *** Drive wheels (front / rear) 2 /2 2 Stering wheels (front / rear) 2 /2 2 Braking wheels (front / rear) 2 /2 2 Braking wheels (front / rear) 6 /2 2 /2 Braking wheels (front / rear) 6 /2 2 /2 Braking wheels (front / rear) 6 /2	Overall height		
Overall height (tsowed) h18 2.63 m Counteweight Offset (turet a 190°) a7 0.22 m Counteweight Oversize / Reach 0.22 m 0.22 m External turning radius Wa3 3.75 m Ground clearance at centre of wheelbase m2 0.36 m Wheelbase y 2.20 m Performances ************************************	Overall length (stowed)	19	4.44 m
Counterweight Oversize / Reach 0.22 m External tuming radius Wa3 3.75 m Ground clearance at centre of wheelbase m2 0.36 m Wheelbase y 2.20 m Performances Telephore Active of the Weelbase Telephore Active of the Weelbase Active of the Weelba	Overall height (stowed)	h18	2.63 m
External turning radius Wa3 3.75 m Ground clearance at centre of wheelbase m2 0.36 m Wheelbase y 2.20 m Performances 1 km/h Drive speed - raised 1 km/h 45 % Gradeability 45 % 45 % Permissible leveling 1 km/h Gradeability 1 km/h 1 km/h 6 commended 1 km/h 1 km/h 6 comme	Counterweight offset (turret at 90°)	a7	0.22 m
Ground clearance at centre of wheelbase m2 0.36 m Wheelbase y 2.20 m Performances Commended Drive speed - stowed 5 km/h 1 km/h Gradeability 45 % 2 colspan="2">2 col	Counterweight Oversize / Reach		0.22 m
Ground clearance at centre of wheelbase m2 0.36 m Wheelbase y 2.20 m Performances Performances 5 km/h Drive speed - stowed 5 km/h 1 km/h Gradeability 45 % Permissible leveling Wheels Term stype Foam-filled Standard tires 834 x 298 mm Drive wheels (front / rear) 2 / 2 Steening wheels (front / rear) 2 / 2 2 Steening wheels (front / rear) 2 / 2 2 Braking wheels (front / rear) 0 / 2 2 Engine Poatery Kubota - D1105-E48 1 Engine Poater / model Kubota - D1105-E48 1 Engine power rating / Power 24.50 Hp / 18.50 kW 4 Miscellaneous 11.60 dan/cm2 340 bar Ground Pressure 340 bar 541 Hydraulic Pressure 340 bar 541 Fuel tank 521 50 dB Sound level at platform 105 dB < 105 dB	External turning radius	Wa3	3.75 m
Performances Skm/h Drive speed - stowed 5 km/h Drive speed - raised 1 km/h Gradeability 45 % Permissible leveling 5° Wheels Tome 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 Kubota - D1105-E4B Engine power affing / Power Kubota - D1105-E4B Interim Tier 4, Stage IIIA, Stage V 1.C. Engine power rating / Power Miscellaneous 11.60 dan/cm2 Ground Pressure 340 bar Hydraulic Pressure 340 bar Hydraulic tank capacity 541 Fuel tank 521 Sound level at platform 105 dB Noise to environment (LwA) < 105 dB		m2	0.36 m
Drive speed - stowed 5 km/h Drive speed - raised 1 km/h Gradeability 45 % Permissible leveling 5 * Wheels	Wheelbase	у	2.20 m
Drive speed - raised 1 km/h Gradeability 45 % Permissible leveling 5° Wheels ***********************************	Performances		
Gradeability 45 % Pemissible leveling 5° Wincels ***********************************	Drive speed - stowed		5 km/h
Pemissible leveling 5° Wheels 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) 2 / 2 Engine brand / model Kubota - D1105-E4B Engine nom Kubota - D1105-E4B LC. Engine power rating / Power Interim Tier 4, Stage IIIA, Stage V LC. Engine power rating / Power 24.50 Hp / 18.50 kW Miscellaneous 11.60 dan/cm2 Widyraulic ressure 340 bar Hydraulic ressure 340 bar Hydraulic tank capacity 54 I Fuel tank 52 I Sound level at platform 105 dB Noise to environment (LwA) 4 105 dB	Drive speed - raised		1 km/h
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 brand / model Kubota - D1105-E4B Engine norm Interim Tier 4, Stage IIIA, Stage V LC. Engine power rating / Power 24.50 Hp / 18.50 kW Miscellaneous 11.60 dan/cm2 Ground Pressure 340 bar Hydraulic tank capacity 54 I Fuel tank 52 I Sound level at platform 105 dB Noise to environment (LwA) < 105 dB	Gradeability		45 %
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 / Batery 50 / 2 Engine brand / model Kubota - D1105-E4B Engine norm Interim Tier 4, Stage IIIA, Stage V LC. Engine power rating / Power 24.50 Hp / 18.50 kW Miscellaneous 11.60 dan/cm2 Ground 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	Permissible leveling		5°
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 USUBLET - CONTROLL OF THE PROPRIET O	Wheels		
Drive wheels (front / rear) 2 / 2 Steering wheels (front / rear) 0 / 2 Braking wheels (front / rear) 0 / 2 Engine/Battery Stubota - 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 11.60 dan/cm2 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	Tires type		Foam-filled
Steering wheels (front / rear) 2 / 2 Braking wheels (front / rear) 0 / 2 Engine/Battery Stubota - 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 11.60 dan/cm2 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	Standard tires		834 x 298 mm
Braking wheels (front / rear) 0 / 2 Engine/Battery Kubota - D1105-E4B Engine brand / model Kubota - D1105-E4B Engine norm Interim Tier 4, Stage IIIA, Stage V LC. Engine power rating / Power 24.50 Hp / 18.50 kW Miscellaneous User of the same	Drive wheels (front / rear)		2/2
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 TURN TIER AND TIER AN	Steering wheels (front / rear)		2/2
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 USUBLEAN CONSTRUCTOR Ground Pressure 340 bar Hydraulic tank capacity 54 I Fuel tank 52 I Sound level at platform 105 dB Noise to environment (LWA) < 105 dB	Braking wheels (front / rear)		0 / 2
Engine norm Interim Tier 4, Stage IIIA, Stage V I.C. Engine power rating / Power 24.50 Hp / 18.50 kW Miscellaneous Bound Pressure 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	Engine/Battery		
L.C. Engine power rating / Power 24.50 Hp / 18.50 kW Miscellaneous Town of the source Ground Pressure 340 bar Hydraulic 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
Miscellaneous Common 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	Engine norm		Interim Tier 4, Stage IIIA, Stage 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	I.C. Engine power rating / Power		24.50 Hp / 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	Miscellaneous		
Hydraulic 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
Fuel tank 52 I Sound level at platform 105 dB Noise to environment (LwA) < 105 dB	Hydraulic Pressure		340 bar
Sound level at platform 105 dB Noise to environment (LwA) < 105 dB	Hydraulic tank capacity		54 I
Sound level at platform 105 dB Noise to environment (LwA) < 105 dB	Fuel tank		52 I
Noise to environment (LwA) < 105 dB	Sound level at platform		105 dB
• •	Noise to environment (LwA)		< 105 dB
	Daily consumption **		4.08 I

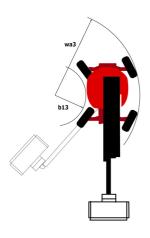
^{*}Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

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





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