

180 ATJ

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Technical sheet :

180 ATJ





Capacities		Metric
Working height	h21	18.19 m
Platform height	h7	16.19 m
Max. outreach	r1	10.51 m
Overhang	h31	7.55 m
Pendular arm rotation (bottom)		+59.5 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (inside / outside)		2 / 2
Weight and dimensions		
Platform weight*		7430 kg
Platform dimensions (length x width)	lp / ep	1.8 m x 0.8 m
Overall width	b1	2.32 m
Overall length	l1	7.79 m
Overall height	h17	2.47 m
Overall length (stowed)	l9	5.56 m
Overall height (stowed)	h18	2.56 m
Floor height (access)	h20	0.4 m
Counterweight offset (turret at 90°)	a7	0.22 m
Internal turning radius (over tyres)	b13	1.38 m
External turning radius	Wa3	3.75 m
Ground clearance at centre of wheelbase	m2	0.4 m
Wheelbase	y	2.2 m
Performances		
Drive speed - stowed		5 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		
Tyres type		Foam-filled
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Engine brand / model		Kubota - D1105-E4B
I.C. Engine power rating / Power (kW)		24.8 Hp / 18.5 kW
Miscellaneous		
Ground Pressure		10 daN/cm ²
Hydraulic Pressure		340 Bar
Hydraulic tank capacity		54 l
Fuel tank		52 l
Vibration on hands/arms		< 0 METER_PER_SECOND
Daily consumption **		4.27 l
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)



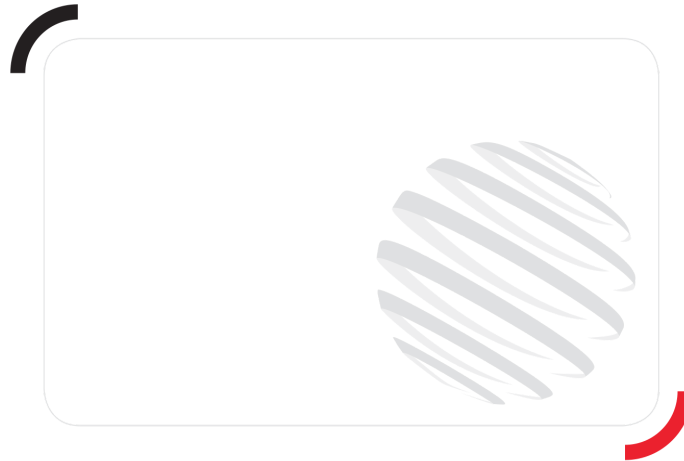
Equipment

Standard

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
 Differential locking on rear axle
 Easy Manager
 Emergency stop button in platform and on frame
 Fuel gauge with low level indicator
 Fully galvanized basket with demountable floor
 Hour meter
 Leveling unlocking
 Load sensing pump
 Operator presence pedal
 Oscillating front axle
 Rear axle with limited slip differential
 Steer and rotate
 Stop & Go system

Optional

Air predisposition
 Battery charger
 Battery cut-off
 Beep on every movement
 Beep upon travel
 Biodegradable oil
 Coded anti-start
 Continuous turret rotation
 Exhaust line protection, spark arrester and fume reduction system
 Extreme cold oil
 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 light



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