

**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 <sup>2</sup>
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)



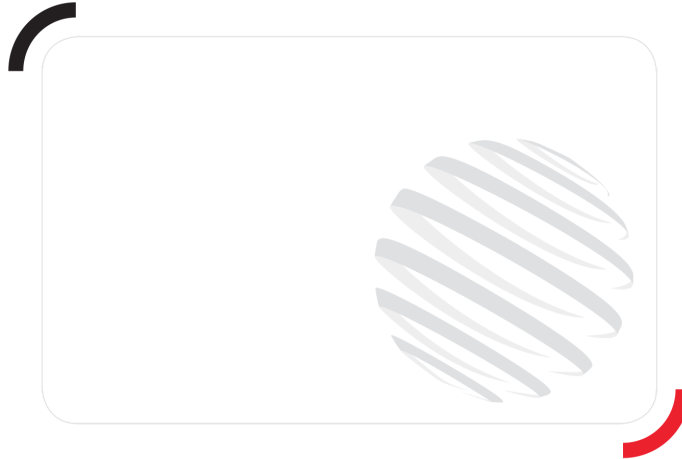
## Equipment

### 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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