

ATLAS 1.0T CAPACITY 1000 KG - SWIVEL CRANE WITH SINGLE ELECTRIC BOOM

ATLAS 1.0T is a power driven counterbalanced swivel crane. It is equipped with an easy-sliding drive wheel and a pair of airtight AGM batteries.

Electric lifting and lowering, extension and retraction at adjustable and proportional speed.

It is an extremely versatile, agile and easily maneuverable crane even in confined spaces.



Outreach and capacity with standard jib

Length	From 650 mm to 1250 mm
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Capacity	From 1000 kg to 500 kg
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Outreach and capacity with optional jib extension

Length	From 1400 mm to 2000 mm
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Capacity	200 Kg
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Technical data	UM	ATLAS 1.0T
Weight	[kg]	1300
Max capacity	[kg]	1000
Lifting motor	[W]	800
Traction motor	[W]	1200
Tank capacity	[L]	3

Traction and controller

2 AGM batteries		1 battery charger	
[V]	[A]	[V]	[A]
2 x 12	2 x 120	24	12

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TILLER ARM

Maximum ergonomics : the operator can firmly grip the tiller handles with both hands

Safe driving : Tiller arm safety switch disables operation in non-allowed positions

Slow/fast speed : 2-speed driving

Slow mode of 1.5 km/hr ideal for tight spaces and to safely move the load

Standard speed of 3.0 km/hr to drive the crane along long distances

Audible motion warning device : Horn with anti-noise polyester axial capacitor

Anti-crush belly button: anti-crush button with automatic reversing switch to ensure the safety of the operator in every maneuvering operation

2 butterfly controls: for forward travel and backward travel controls

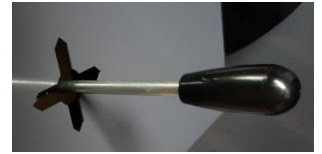


CONTROLS, WARNING LIGHTS AND STANDARD FEATURES

2 position **key switch** ; **emergency button** ; **Green indicator light** showing maximum load position and the upward/downward motion and extension & retraction motion are active; **Red control light** showing maximum load capacity (when the red light is activated is not possible to lift the load and extend the jib); Indicator showing the **battery charge level**; **Schuko socket** for 220V charge ; Visual warning **LED beacon**; 24V **intermittent buzzer** when the crane is moving to increase operator safety; **Storage compartment**.

EQUIPPED WITH A 4-FUNCTION DISTRIBUTOR FOR:

- arm lifting
- arm lowering
- boom extension
- boom retraction



When the joystick lever is moved in the lifting, extension and lowering positions, the micro switches automatically activate the motor of the hydraulic unit which allows the movements; the lowering takes place safely with the engine off.

DYNAMIC LOAD LIMITER

System for preventing overloading in each position of the extension that activates a mechanism that blocks the upward and extension motion (red light) ensuring the functionality of the crane in absolute safety and that signals (green light) when the crane returns to allowed position, re-enabling the controls.



POWER DRIVE

AC traction motor with recovery braking. Permanent magnet **drive wheel** in direct current 24V 700W; high frequency **MOSFET controller**.

BUILT-IN CHARGER

Pulse model with single phase 220V high frequency input voltage and 24V output voltage. Microprocessor indicator with relay for lifting block. **3 LEDs** that indicate the operating status. **Remote RBC indicator** for displaying the charging phase of the battery charger.

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DIMENSIONS AND CAPACITIES

Robust, efficient and user friendly

