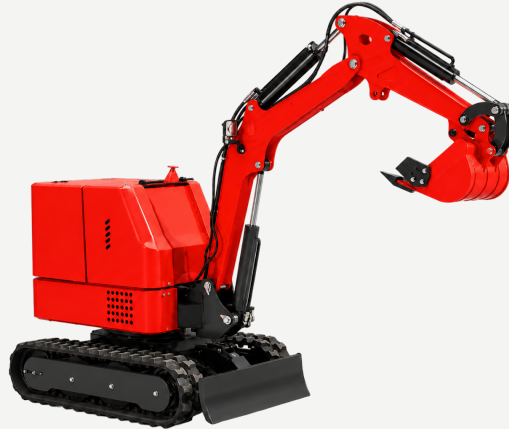


US SPECIFICATION SHEET

RoboBagger RB05

Remote-controlled electric mini excavator. Final configuration and documentation are confirmed in the written order.



Illustrative product rendering. Final appearance and configuration may vary. Bucket and attachments shown may be sold separately.

Preorder price: \$18,000

3 years / 6,000 operating hours

Battery, motor, and controller. Remaining machine: 1 year / 2,000 operating hours. Eligible replacement parts are supplied without charge during the applicable period; the written Warranty Schedule controls full terms.

The advertised machine price includes the machine, Huashou HSPE072180A 72 V / 180 Ah / 12.96 kWh battery, one remote control, integrated 110-240 V onboard charger, and toolkit. Approximate charging time is 3 hours. Buckets, quick hitch, other attachments, optional equipment, and any spare remote are selected and priced separately.

No bucket, quick hitch, or other work tool is included in the advertised machine price. Attachments are selected and priced separately.

Battery configuration

Standard: 180 Ah / 12.96 kWh launch configuration

Optional or available: Alternative pack options confirmed in final configuration

Bucket size options

6 in (150 mm), 8 in (200 mm), 10 in (250 mm), 12 in (300 mm)

Runtime

Designed for extended-duty operation. Runtime varies by model, battery configuration, temperature, attachment, hydraulic load, travel use, and operating duty cycle.

CONFIGURATION DATA

RB05 Technical Fields

Known values are shown below. Missing or configuration-dependent information is identified for confirmation rather than estimated.

FIELD	VALUE
Model	RB05
Machine weight	1,720 lb (780 kg)
Overall dimensions	104.9 in (2,665 mm) L; 26.0 in (660 mm) W; height confirmed in final configuration
Track width	5.1 in (130 mm)
Digging depth	57.5 in (1,460 mm)
Dumping height	74.8 in (1,900 mm)
Battery voltage	72 V
Standard battery capacity	180 Ah / 12.96 kWh launch configuration
Optional battery capacity	Alternative pack options confirmed in final configuration
Battery pack	Huashou HSPE072180A, 72 V / 180 Ah / 12.96 kWh
Battery chemistry	Lithium-ion NMC
Battery management system	JBD-SP24S004
Charger input	Integrated 110-240 V onboard charger
Charger output	Confirmed in final configuration
Approximate charging time	3 hours
Hydraulic operating pressure	2,175-2,610 psi (150-180 bar)
Hydraulic flow	0-4.8 gpm (0-18 L/min)
Bucket breakout force	Confirmed in final configuration
Arm digging force	Confirmed in final configuration
Travel speed	1.4 mph (2.2 km/h)

CONFIGURATION DATA

RB05 Technical Fields Continued

Configuration-dependent values remain subject to written order confirmation.

FIELD	VALUE
Swing speed	Confirmed in final configuration
Gradeability	Confirmed in final configuration
Maximum operating slope	Confirmed in final configuration
Ground clearance	Confirmed in final configuration
Remote-control range	Confirmed in final configuration
Remote-control family	Radiolink T12D/T16D family; supplied model confirmed on order
Remote-control frequency	2402-2480 MHz
Remote-control FCC ID	U2BRLT16D-T12D
Operating temperature	Confirmed in final configuration
Storage temperature	Confirmed in final configuration
Hydraulic tank capacity	Confirmed in final configuration
Recommended hydraulic fluid	Confirmed in final configuration
Standard bucket or work tool	No bucket, quick hitch, or other work tool is included in the advertised machine price. Attachments are selected and priced separately.
Transport dimensions	Confirmed in final configuration
Tie-down points	Confirmed in final configuration
Warranty reference	Battery, motor, and controller: 3 years / 6,000 operating hours; remaining machine: 1 year / 2,000 operating hours

Commercial notes

- A refundable \$1,600 preorder deposit secures the configuration review and proposed production allocation.
- The remaining balance becomes due after final configuration approval and documented pre-shipment confirmation.
- Continental-US transportation terms and delivery-site requirements are confirmed in the written quotation.

Final values, operating limits, supplied work tools, manuals, battery, charger, remote-control documentation, and warranty schedule are confirmed for the ordered machine configuration.