



HAUSBOTS HB2

Technical Specification



HB2

Crawler Dimension (W × L × D)	375mm X 514mm X 280mm (14.76" x 20.24" x 11.02")
Crawler Weight	10.2 Kg (22.5 lbs)
Umbilical Options	25m/40m (82.0 ft / 131.2 ft)
Vacuum generated	33KgF (72.75 lbf) perpendicular to surface
Maximum payload	6Kg (13.2 lb)
Drive	2x independently controlled high torque brushless servo motor with encoders
Maximum obstacle clearance	12mm (0.47 in)
Noise Emission	99db at 1 meter (3.28 ft) , 85db at 5 meters (16.4 ft) (outdoors)
Surfaces climbed	Brick, block, render, concrete, steel and many more
Power requirements	110V to 230V AC, 2200W.
On-board power/data	16 pin plug with 24V 3A power, ethernet pass through to base station, and redundant pins for customisation
Operating conditions	-10 to +40 degrees C (14°F to 104°F) , light rain, wind up to BFT 6 (25-31mph)
Surface temperature	Customisable on request of specific drive track material
Surface Curvature	Min.1.8m diameter (5.91 ft, 70.9 in), both convex and concave for 360 direction. 1m diameter (3.28 ft, 39.4 in) for longitudinal only
Min. manway entry size	475mm (18.7 in) Diameter