

Balex® ABL2500 Technical Specifications

Designed and developed in New Zealand, the ABL2500 is the first in the range of the Balex® portfolio. Below are the technical specifications describing the performance, adaptive drive system and power system of the ABL2500.

Performance

Max Boat Load	2,500kgs (5500lbs)
Max Ramp Gradient	9° degree slope (16% or 1:6.3)
Retrieval Time	25 to 45 seconds (subject to Boat weight, length and slope)
Boat Hull Materials	Aluminium (Alloy) and Fibreglass (GRP)
Trailer Configuration	Roller

HYDRA⁴ Adaptive Drive System

Hydraulic Motors	M+S 160CC LSV High Torque Hydraulic Motors
Hydraulic Hoses	Eaton SAE 100 R7 1/4" W.P. 200 Bar w/ stainless steel 316 fittings
Hull Conformance	4-Axis Directional Adaptive Technology
Traction Surface	Ultra-Grip Drive Belts High traction, 100mm Wide Compliant Track
Drive Carrier	Marine grade anodised aluminium & stainless steel

Power System

Hydraulic Power-pack	Bosch Rexroth 1600W 12V Power-pack
Remote Control	Worldwide RF Compliant Wireless RF Remote (CE Compliant)
Power Requirements	12V Dual-purpose Marine Battery (600 CCA & 80 AH min.)
Battery Charge Options	12V 8 Amp Input Plug (Vehicle, Charger, Solar, other) 12V Battery Charger (CTEK MXS 5.0 recommended) 12V Solar Charger (15W recommended) Vehicle Power Kit (optional)

System Weight

	QTY	Kg	Lb
Total System installed	1	71	157
ABL Drive Units	2	19	42
ABL Drive Mounts	2	4	9
Power Unit & Mount	1	19	42
Battery Enclosure, Cable & Mount	1	7	15
Hydraulic Hose Kit	1	3	7
Battery (Size 24) – Not included	1	19	42