



SWALE OCEANOGRAPHIC

Small Electric Winch SWA-1.5 /0.75

The SWA is a versatile winch suitable for a variety of applications, including: Side scan sonar, water sampling, towed bodies, coring, pipeline monitoring, subsea video or CTD profiling

Models:

SWA-1.5 - 1/2 hp to 1.5 hp permanent magnet motor @ 90/180 Vdc (1.5 Hp @ 180 Vdc only) with regenerative drive controller powered by 110/220 Vac

SWA-0.75 - 1/2 hp or 3/4 hp permanent magnet motor @ 24 Vdc with PWM controller using batteries.



Features:

- Frame dimensions are L 51 x W 49 x H 43 cm (W 55 cm inc feet)
- With 41 cm reel, overall height is approximately 70 cm
- Nominal weight 57 to 75 kg (without cable) depending on motor and gearbox selected
- Removable carrying handles; two person portable
- 24 Vdc models use battery power and a PWM controller with 3m cable
- 90/180 Vdc models use 110/220 Vac and a NEMA 4 regenerative drive controller with overload protection and 3m cable
- Positive action dog clutch allows free-wheeling for towing and paying out of line
- Torque adjustable manual disc brake for towing
- Shear pin lock on brake for towing
- Manual hand crank backup
- Drum capacity dependent on core selection, e.g. 400m of 6mm line *
- Slip ring ready - two to eight conductor slip rings are available
- Load capabilities: variable dependant on power option selected (nominal 45-150 kg)
- Watertight sub-sea connectors used on all connections except 110/220 Vac
- Wooden shipping and storage box

Options:

- Powered level wind
- Slip rings installed

*Please specify: cable diameter and length, desired line speeds, and load capacities

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