

## Offshore Single Drive Winches

### Description:

The offshore SD series of man-rider winches are designed for general duty offshore use. Man-rider winches are classified for use where the load is used above the surface and below the surface (sub-sea). The sub-sea element is more stringent in load factors and material requirements. The winches are typically used on offshore cranes for manned baskets and for diving systems. The winch consists of a single hydraulic drive system with planetary gearbox, integral gearbox parking brake, dynamic hydraulic over-centre valve and an automatic emergency band brake. The winches are constructed from high quality Steel and painted with a Marine-Grade Primer and High-Gloss Topcoat.

SD Series	800	1300	1950
			
Length x Width x Height	± 1070 x 680 x 940mm (1100 with spooling)	± 1070 x 680 x 940mm (1100 with spooling)	± 1070 x 680 x 940mm (1100 with spooling)
Weight	± 500kg (excl. rope)	± 500kg (excl. rope)	± 500kg (excl. rope)
Min Lift Capability	800kg	1300kg	1950kg
Max Lifting Speed	Variable up to 36m per min	Variable up to 18m per min	Variable up to 18m per min
Max Drum Wire Capacity	320m of 10mm dia. non-spin wire rope (5 Layers)	260m of 13mm dia. non-spin wire rope (5 Layers)	160m of 16mm dia. non-spin wire rope (4 Layers)
Level Wind	Optional	Optional	Optional
Applications	Typically used for clump-weights on air diving baskets systems or for a man-riding basket for onshore applications.	Used for the main diver recovery of divers in air diving baskets systems or as the clump-weight winch in wet-bell systems.	Used in main diver basket recovery of air diving systems or wet-bell systems. Can also be used for man-rider baskets attached to crane arms.

### Order Detail:

Offshore Single Drive Man-Riding Winch, Model 800	D-W-457
Offshore Single Drive Man-Riding Winch, Model 1300	D-W-458
Offshore Single Drive Man-Riding Winch, Model 1300G	D-W-459
Offshore Single Drive Man-Riding Winch, Model 1950	D-W-460