

EXPERIENCE & TRACK RECORD



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SUMMARY OF MAJOR PROJECTS

Control Umbilical Reelers – 4 off

Client	-	Well Ops UK Ltd
Torque	-	34 kNm
Umbilical	-	Ø 84 mm x 690 m (5 layers)
Drum Speed	-	10 rev/min (28 m ³ /min)
Power	-	22 kW – Pneumatic Drive
Size	-	3890 x 2780 x 3650 cm high
Gross Mass	-	17,800 kg
Standard	-	DNV 2.7-1; Lloyds; DNV; ABS
CE Mark	-	Yes



Control Umbilical Reelers – 2 off

Client	-	Well Ops SEA
Torque	-	34 kNm
Umbilical	-	Ø 94 mm x 871 m (5 layers)
Drum Speed	-	80 m/min (600 cfm – 1 te load)
Power	-	22 kW – Pneumatic Drive
Size	-	3890 x 3480 x 3680 cm high
Gross Mass	-	20,000 kg
Standard	-	DNV 2.7-1; Lloyds; DNV; ABS
CE Mark	-	Yes



5 te Hook Load Fast Winch and Over Boarding Frame

Client	-	SapuraAcergy
SWL	-	86 kN
Wire	-	2,000 m x Ø 24 mm (12 layers)
Speed (Max)	-	150 m/min (75 Hz)
	-	74 m/min (50 Hz)
Power	-	120 kW – 400 Vac
Size	-	660 x 290 x 440 cm high
Mass	-	19,000 kg
Standard	-	DNV 2.7-1; Lloyds; DNV; ABS



10 te Hook Load Fast Winch – Gumusut Project

Client	-	SapuraAcergy
SWL	-	121 kN
Rope	-	1400 m x Ø 28 mm (11 layers)
Speed (Max)	-	63 m/min (75 Hz)
	-	43 m/min (50 Hz)
Power	-	90 kW 400 Vac
Size	-	8.80 x 4.80 x 3.0 meters
Mass (no wire)	-	14,200 kg
Standard	-	DNV 2.7-1; Lloyds; DNV; ABS



Electric 30 kN SWL Winch for Sapura 3000

Client	-	SapuraAcergy
SWL	-	30 kN
Wire	-	200 m x Ø16 mm (5 layers)
Speed	-	26 m/min
Inverter	-	37 kW
Mass	-	1,400 kg
Standard	-	ABS



Hydraulic Tronic Umbilical Reeler

Client	-	Fugro-TSM
SWL	-	5 kN
Wire	-	200 m x Ø19 mm (5 layers)
Speed	-	44 m/min
HPU	-	7 kW (20 l/min @ 150 bar)
Mass	-	700 kg
Standard	-	DNV 2.7-1 (frame)



5 te Electric Man Riding Hoist for DLB NorCE Endeavour

Client	-	NorCE
SWL	-	50 kN
Wire	-	170 m x Ø 28 mm (2,5 layers)
Speed	-	50 m/min
Power	-	2 x 22 kW motors
Size	-	125 x 227 x 140 cm high
Mass	-	3,000 kg



20 te SWL Hoist for DLB NorCE Endeavour

Client	-	NorCE
SWL	-	200 kN
Rope	-	240 m x Ø 36 mm (3 layers)
Speed	-	55 m/min
Power	-	5 x 37 kW motors
Size	-	130 x 248 x 150 cm high
Mass	-	5,800 kg



Hydraulic Man Riding Winch

Client	-	Neptune Marine
SWL	-	10 kN
Wire	-	200 m x Ø 13 mm (3 layers)
Speed	-	26 m/min
HPU	-	11 kW (60 l/min @ 80 bar)
Mass	-	700 kg
Standard	-	ABS



Pneumatic Man Riding Winch – 2 off

Client	-	Torque Engineering
SWL	-	10 kN
Wire	-	200 m x Ø 13 mm (3 layers)
Speed	-	26 m/min
Air	-	150 l / sec (320 cfm) @ 6 bar
Mass	-	700 kg
Standard	-	ABS



Powered Under Rollers / Reel Drive Base

Client	-	NorCE
SWL	-	300 kN
Reel	-	300 tonnes - Ø6 m to Ø11 m
Speed	-	30 m/min
HPU	-	110 kW (473 l/min @ 250 bar)
Mass	-	26 000 kg
Standard	-	ABS



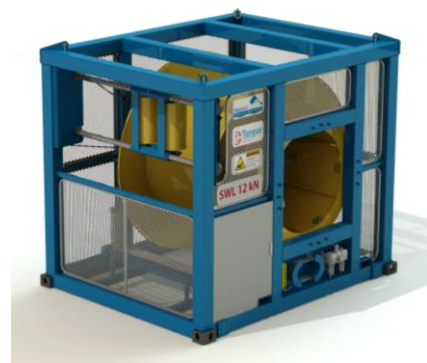
Saturation Diving Bell Winch

Client	-	HydroKarst
SWL	-	50 kN
Wire	-	316 m x Ø 24 mm (7 layers)
Speed	-	26 m/min
HPU	-	70 l/min @ 263 bar
Mass	-	4,8 tonnes
Rules	-	IMCA



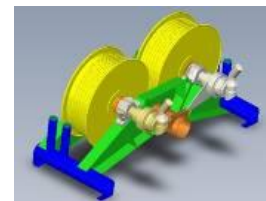
Control Umbilical Reelers – 2 off

Client	-	Trident
Torque	-	13 kNm
Umbilical	-	Ø 50 mm x 600 m
Drum Speed	-	0.7 rev/min
Power	-	22 kW – Pneumatic Drive
Size	-	3050 x 2440 x 2590 cm high
Gross Mass	-	5,500 kg
Standard	-	DNV 2.7-1; Lloyds; DNV; ABS



Umbilical Tensioning Device

SWL	-	80 kN
MBR	-	700 mm
Speed	-	20 m/min
HPU	-	37 kW (80 l/min @ 260 bar)
Drum	-	Ø1400 mm



150 te Hoist Winch

SWL	-	1500 kN
Wire	-	380 m x Ø90 mm
Speed	-	12 m/min
Power	-	400 kW
Size	-	435 x 290 x 390 cm high



400 te Linear Winch (continuous pull)

SWL	-	4000 kN
Wire	-	< Ø4"
Speed	-	5 m/min
Power	-	2 x 220 kW Diesel HPU's
Size	-	2 x 40' Containers



10 te SWL ROV Deployment Frame

Client	-	DOF Subsea
SWL	-	120 kN
Base Dimensions	-	8700 m x 3700 m
A-frame Height	-	7.2 m
Umbilical	-	Ø 45 mm

