



The QI series electric winches by Xstream Marine Technologies have been specifically developed for oceanographic and geophysical applications. These winches excel in tasks such as CTD profiling, side scan sonar or magnetometer towing, and Rosette water sampling. With their precise control and rapid operation, these winches offer excellent performance for various marine research activities.

The QI's winches are fully electrically driven, ensuring efficiency and reliability. They are built to be robust, powerful, and compact, making them suitable for a range of vessels and deck layouts. The controls are user-friendly, allowing for easy operation by utilizing either the local joystick control or remote-control options.

Xstream Marine Technologies' QI series electric winches offer a reliable and user-centric solution for oceanographic and geophysics applications, combining high performance, durability, and enhanced safety features.

Features and Benefits

- Easy to Operate with different size of cable
- Requires minimal maintenance
- Integrated protection frame and grating
- ACME Screw level wind system
- Remote control with joystick and emergency stop
- Manual override for level wind from remote
- Drive start and reset capability from remote control.
- Forklift pockets (standard on all QI models)

Applications

- Side scan sonar systems
- ROV systems
- Oceanographic profiling CTD systems
- Light towed equipment and platforms
- Underwater TVG systems
- Diver communication lines
- General marine instrumentation

System Options

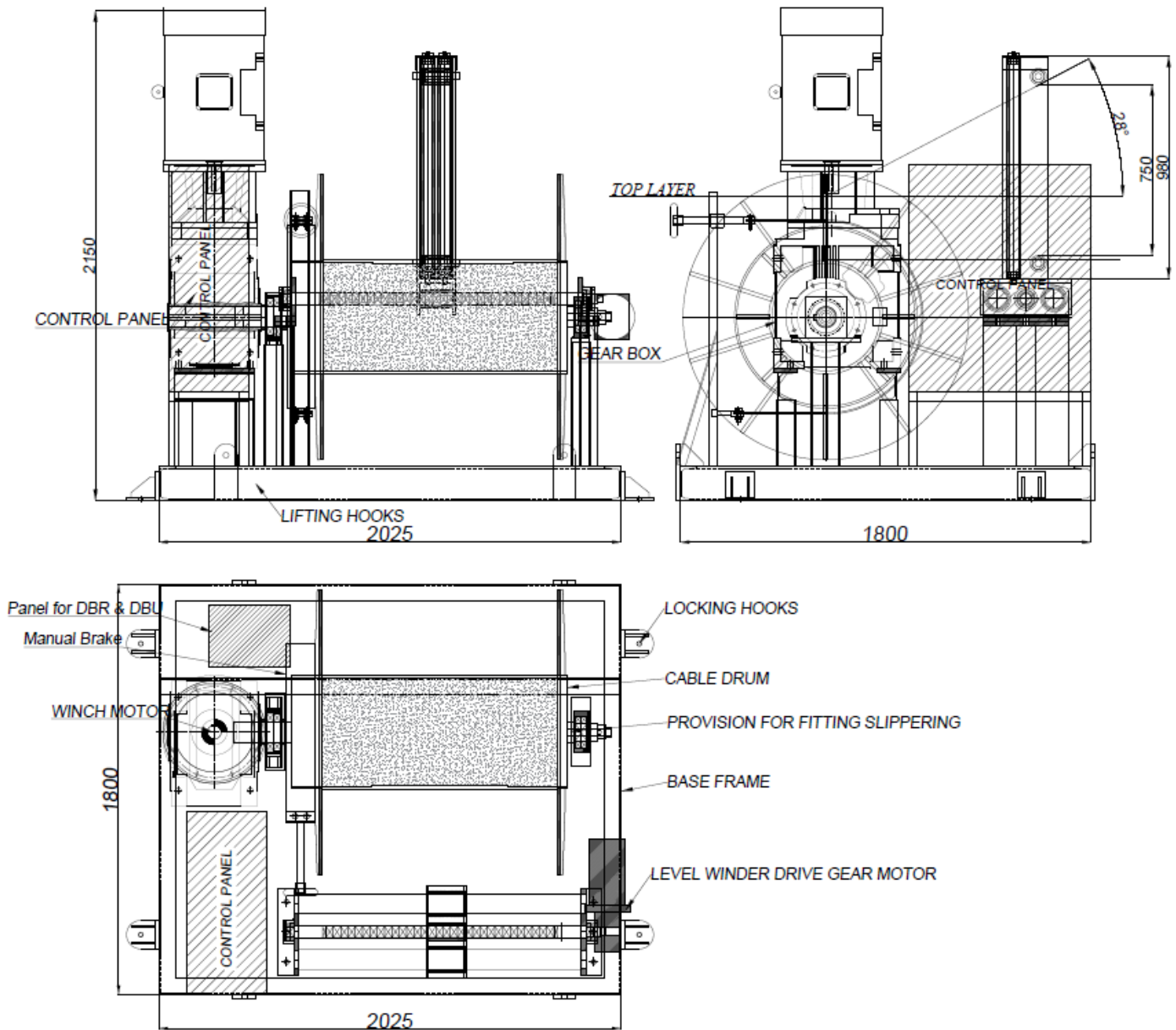
- Spare parts package
- Accessible via computer OR Laptop
- System-controlled distance function
- Wireless cable sheave
- IEC slipping
- Hardcopy documentation
- Additional cable diameters available upon request
- Integration capability with cable counter

**TECHNICAL DATA SPECIFICATION**

DESCRIPTION	QI-100	QI-500	QI-750
MOTOR			
Type	AC Motor	AC Motor	AC Motor
Voltage	440 VAC	440 VAC	440 VAC
Capacity	10 HP	50 HP	75 HP
RPM	1440	1440	1440
GEARBOX			
Type	Helical	Helical	Helical
BRAKE			
Type	DC Electro Magnetic	DC Electro Magnetic	DC Electro Magnetic
Capacity	50 kg-m	50 kg-m	50 kg-m
Op.Voltage	440 VAC	440 VAC	440 VAC
DRUM			
Type	MS Fabricated	MS Fabricated	MS Fabricated
Size of Drum Flange	OD660	OD1250	OD1250
Size of Cable Drum	OD458	OD508	OD508
CABLE			
Cable DIAMETER	11.4mm	11.4mm	17.7mm
Cable Length	700 - 1200Mts	5000Mts	3000Mts
GENERAL DATA			
Length of Base Frame	1255 mm	2025 mm	2225 mm
Width of Base Frame	1651 mm	1800 mm	2100 mm
Clear Ht.of Winch	1270 mm	2150 mm	2300 mm
Line Speed	0 to 55 Mts/Min on Bare Drum	0 to 45 Mts/Min on Bare Drum	0 to 48 Mts/Min on Bare Drum
Line Pull	0.75 Tons On Bare Drum	3 Tons On Bare Drum	5 Tons On Bare Drum
Control Voltage	110 V.	110 V.	110 V.
Supply	415 VAC / 50 Hz / 3 PHASE A.C. (3-WIRE)	415 VAC / 50 Hz / 3 PHASE A.C. (3-WIRE)	415 VAC / 50 Hz / 3 PHASE A.C. (3-WIRE)
Mode of Operation	Pendant Through VVVF Drive	Pendant Through VVVF Drive	Pendant Through VVVF Drive
Level Winder Details	ACME Thread	ACME Thread	ACME Thread



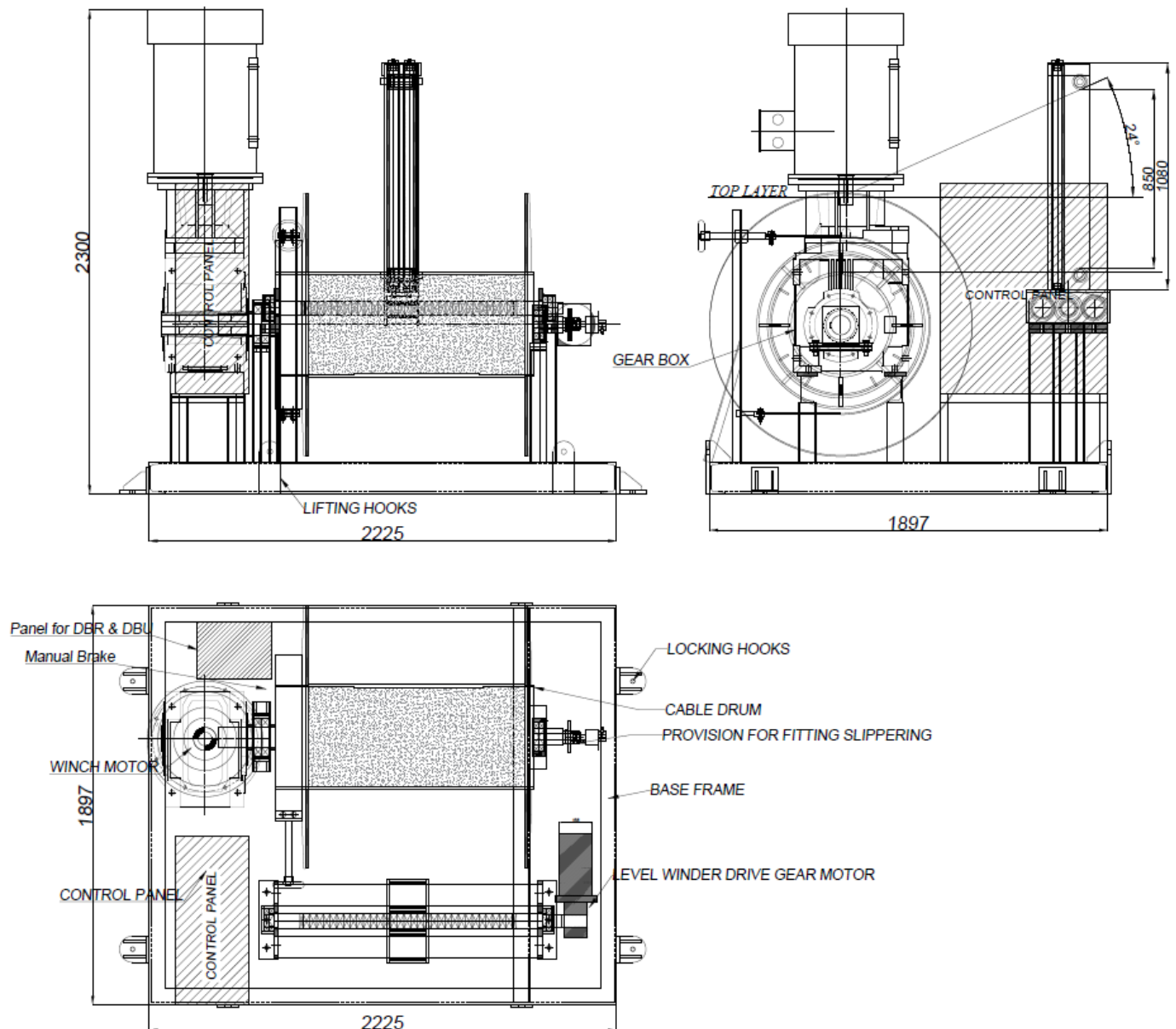
QI-500



* Design and dimensions are subject to change due to continuous improvement.



QI-750



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