

CHOOSE YOUR WINDLASS

ELECTRIC OR HYDRAULIC?

Electric direct current (DC) motorisation is the most popular one, while its maintenance is very limited. This kind of motor is used for vessels up to 90 feet of length.

Electric alternate current (AC) motorisation is suitable for boats from 90 up to 120 feet of length which have generators on board. AC motors offer sufficient torque; they have simple installation and require limited maintenance.

Hydraulic motorisation provides the advantage of supplying constant torque while the load changes. These motors are very popular on boats of over 120 feet length, and require specific installation.

MAXIMUM PULL & WORKING LOAD

Maximum pull is the maximum pull that the windlass is able to supply instantly (for a few seconds). Working load simulates the operating conditions. The ampere drawing and the speed data indicated in the catalogue refer to this load.

PROPER WINDLASS SELECTION

The steps to select a vertical or horizontal windlass are:

- 1 Check the windlass model - boat length chart, and choose the proper model accordingly.
- 2 Calculate the ground tackle by adding up the anchor weight, the total chain weight and the rope weight on board.
- 3 Find the suitable model in the catalogue, check the table, and make sure that the ground tackle does not exceed its working load with a tolerance + 10%.

VERTICAL WINDLASSES

		Boat Length																	
Model	Motor Size	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	ft		
X1	500W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
	800W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
	1000W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
X2	800W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
	1000W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
	1500W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
X3	1500W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
	1700W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
X4	2300W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
	2700W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
	HYD 8cc	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
		6	9	12	15	18	21	24	27	m									

		Boat Length																	
Model	Motor Size	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	ft	
ERCOLE VERTICAL	DC 3500W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	AC 4000W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	AC 5500W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	AC 7500W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	HYD 11cc	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
			24	27	30	34	37	40	43	45	m								

		Boat Length																			
Model	Motor Size	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	ft
SX1	500W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	800W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SX2	1000W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	1500W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SX3	1500W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	1700W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SX3.5	1700W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	2300W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	2700W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	HYD 8cc	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SX4	2300W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	2700W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	HYD 8cc	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SX5	3000W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	HYD 8cc	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SX7	DC 3500W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	AC 4000W	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	HYD 8cc	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		6	9	12	15	18	21	24	27	30	m										

Conditions of Usage: ■ Heavy ■ Light

X2

Vertical Windlass

800 W / 1000 W / 1500 W



With Drum

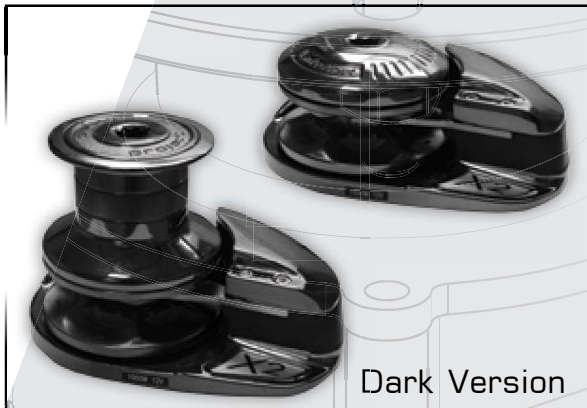


Low Profile



Main Features

- Marine anodised aluminium & chrome plated construction
- Special watertight stainless steel ball bearing in the base
- With drum or low profile
- Independent gypsy and drum operation
- Rope and chain combination gypsy
- Manual chain release
- Manual override available for chrome plated models and dark version only (800 W chrome variant does not have the manual override function)
- Chain & rope management by the spring loaded arm
- Chain counter magnet pre-installed as standard
- IP67 motor cover
- Marine anodised aluminium gearbox



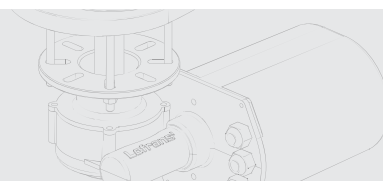
Dark Version



Standard Equipment



- Dual direction solenoid pack
- Handle
- Gypsy for chain & rope
- QR code card for Instruction Manual

X2 Vertical Windlass

800 W / 1000 W / 1500 W



Construction			Anodised Aluminium				
Motor Size			800 W	1000 W		1500 W	
Power Supply (V)			12	12	24	12	24
Maximum Pull (kg)			850	1000	1060	1200	1270
Working Load (kg)			115	150	160	165	175
Amps at Working Load (A)			110	117	59	130	65
Line Speed at Working Load (m/min)			30	20	23	17	19
Max. Line Speed (m/min)			35	40	40	40	40
Net Weight Low Profile (kg)			18	19	23	24	24
Net Weight with Drum (kg)			19	20	24	25	25
X2			Code	Code	Code	Code	Code
With Drum	6 mm, ISO 4565 / DIN 766	-	600044	600049	601062	*	*
	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	472735	472751	472750	600057	600061
	10 mm, DIN 766	-	*	601052	601064	601057	601068
	10 mm, ISO 4565	-	*	600053	601063	600056	600060
Low Profile	6 mm, ISO 4565 / DIN 766	-	600045	600050	601058	*	*
	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	472558	472557	601059	601053	601065
	10 mm, DIN 766	-	*	601049	601061	601055	601067
	10 mm, ISO 4565	-	*	57450	601060	601054	601066

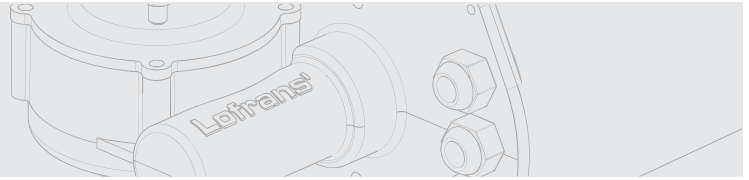
Construction			Chrome Plated				
Motor Size			800 W	1000 W		1500 W	
Power Supply (V)			12	12	24	12	24
Maximum Pull (kg)			850	1000	1060	1200	1270
Working Load (kg)			115	150	160	165	175
Amps at Working Load (A)			110	117	59	130	65
Line Speed at Working Load (m/min)			30	20	23	17	19
Max. Line Speed (m/min)			35	40	40	40	40
Net Weight Low Profile (kg)			21	23	23	24	24
Net Weight with Drum (kg)			23	24	24	25	25
X2			Code	Code	Code	Code	Code
With Drum	6 mm, ISO 4565 / DIN 766	-	600046	600997	601034	*	*
	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	472862	473212	473255	602110	601042
	10 mm, DIN 766	-	*	602096	473227	187274	187276
	10 mm, ISO 4565	-	*	472863	601011	601013	601044
Low Profile	6 mm, ISO 4565 / DIN 766	-	600047	600989	601028	*	*
	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	472861	473213	600054	601006	601039
	10 mm, DIN 766	-	*	602097	473226	187273	601041
	10 mm, ISO 4565	-	*	472864	478642	601008	602529

For additional options on compatible gypsies, please refer to page 13.

If you are interested in an alternative configuration not listed above or any other special product, please contact our team. Product codes with * are available upon request.

X2 Vertical Windlass

Dark Version



With Drum



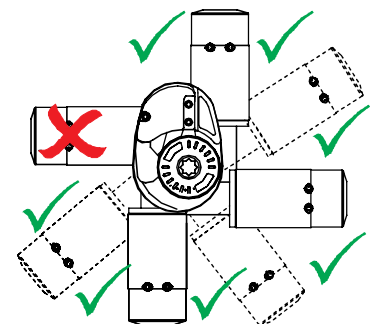
Low Profile



Dark Version

Motor Size	1000 W
Power Supply (V)	12
Maximum Pull (kg)	1000
Working Load (kg)	150
Amps at Working Load (A)	117
Line Speed at Working Load (m/min)	20
Max. Line Speed (m/min)	40
Net Weight Low Profile (kg)	19
Net Weight with Drum (kg)	20



Installation positions

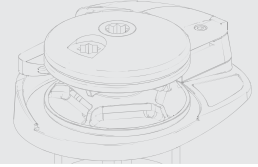


X2			Code
With Drum	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	636704
	10 mm, DIN 766	-	636708
	10 mm, ISO 4565	-	636706
Low Profile	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	636703
	10 mm, DIN 766	-	636707
	10 mm, ISO 4565	-	636705

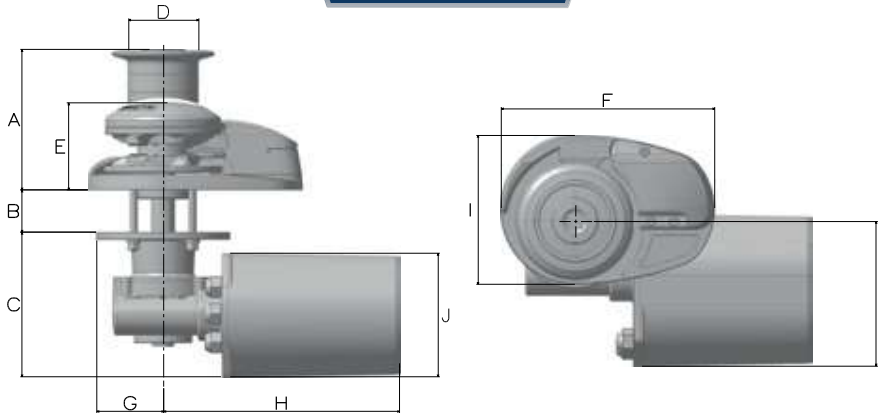
*For additional options on compatible gypsies, please refer to the next page.
If you are interested in an alternative configuration not listed above or any other special product, please contact our team.*

X2 Vertical Windlass

800 W / 1000 W / 1500 W



Dimensions (mm)



Model	A	B	C	D	E*	F	G	H	I	J	L
800 W	153	25-40	155	Ø76	94	232	62	244	162	Ø94	138
1000 W	153	25-40	155	Ø76	94	232	62	244	162	Ø114	138
1500 W	153	25-40	155	Ø76	94	232	62	244	162	Ø134	138

*Low Profile height dimensions.



Combine with

Compatible Gypsies



Code	Gypsy Size
630953	6 mm, ISO 4565 / DIN 766
630949	8 mm, ISO 4565 / DIN 766
630951	10mm, ISO 4565
630955	10mm, DIN 766

Chain Stopper



Lofrans' Chain Stopper, Stainless Steel, for ISO/DIN Chain 8/10/12mm

Code I 636257

Optional Accessories

- Foot Switch
- Control Switch
- Circuit Breaker
- Chain Counter
- Hand Held Control
- Radio Control



KEEP YOUR LOFRANS' AS GOOD AS NEW!



Maintenance Kit for X2

Code I 72038



Maintenance Kit for X2 ALU

Code I 72039

Please refer to Deck Hardware & Accessories section for control and installation products (pages 76-89).