

# powered line driver

## POWERED LINE DRIVER

This is a solution done for the control of the main car with a simple “self-tailing” sheave on the deck, a motor and gearbox under the deck.

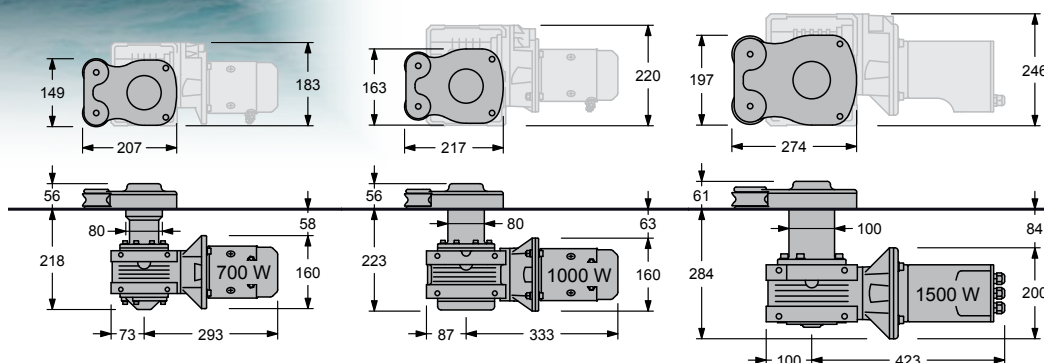
Three sizes available with 700, 1000 and 1500 W motors in 12 or 24 Volt version.



Courtesy of Fountaine-Pajot - Sanya 57  
Photo Gilles Martin-Raget



Mod. LD1000



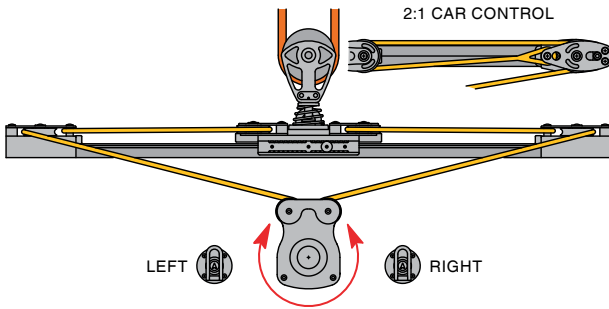
MODEL	LD700	LD1000	LD1500
MOTOR (W)	700	1000	1500
Ø LINE (mm)	12	14	14
WEIGHT (kg)	15	20	22
SCREWS N x Ø (mm)	4 x Ø8	4 x Ø8	4 x Ø8

### 2:1 CAR CONTROL

MAIN CAR SIZE (mm)	47 x 230	47 x 330	47 x 430
MAIN CAR MODEL	614.211	614.221	614.231
WORKING LOAD (kg)	800	1260	1600
CAR SPEED (m/sec)	0.10	0.12	0.12

For cars see page 128

The SWL and the CAR SPEED are calculated with 2:1 car control.



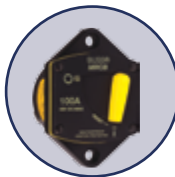
The SPEED is calculated with the car not under load; at maximum load the figure should be reduced by 30%.



SWITCHES

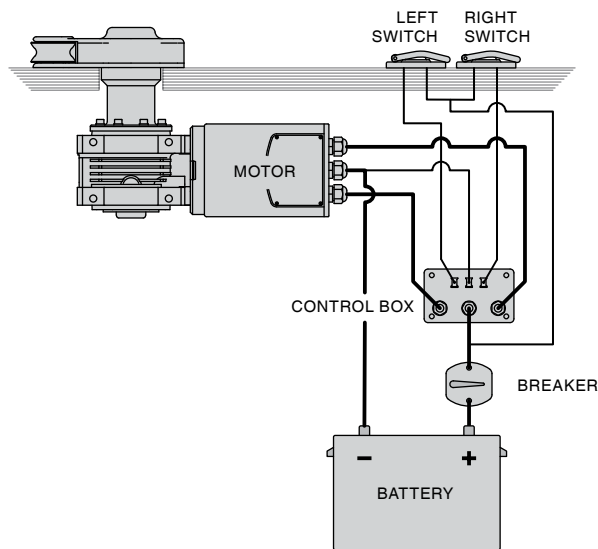


CONTROL-BOX



BREAKER

Two switches, for the left and the right car movement, a control-box and a safe circuit breaker to complete the electrical system (on page 19).



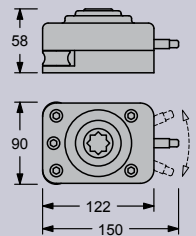
## MANUAL LINE DRIVER

The control system is connected to a traveler on a closed circuit and ensures efficient control and a clean layout.

The system uses a self tailing pulley which operates in both direction with a textile “gripping” system that is efficient even if the circuit is not under strain and causes no wear in the rope. A clutch pin sets the direction in which the traveler moves, or allows for it to be locked in the required position.

The power ratio obtainable with a normal (250 mm) handle is 8 to 1, which is much better than a tackle can offer; moreover, this system has a very limited size and weight.

MODEL	240.010
Ø LINE (mm)	10
POWER	8 : 1
WEIGHT (kg)	1.40
SCREWS N x Ø (mm)	3 x Ø8



This model has been designed to control the spi-pool car but can also be useful for the genoa or the main car control.

