2 STAGES ELECTRIC PLATFORM LIFT

Credit: Massimo Ferrari

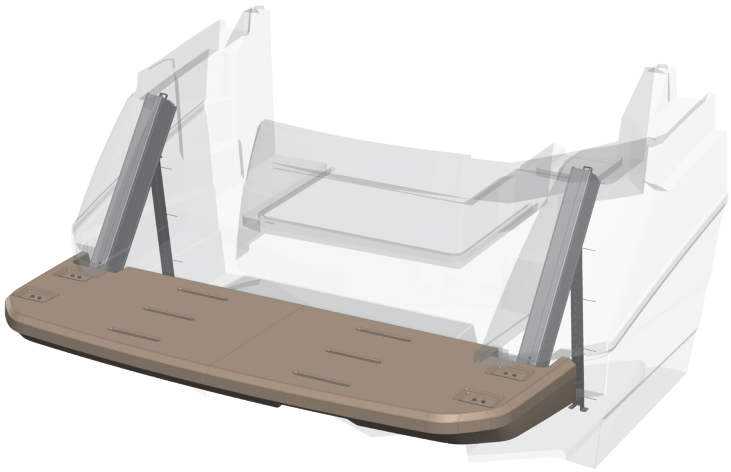
This system controls the raising and lowering of a swim platform.

Scan here for more information!
www.noval-yacht.com

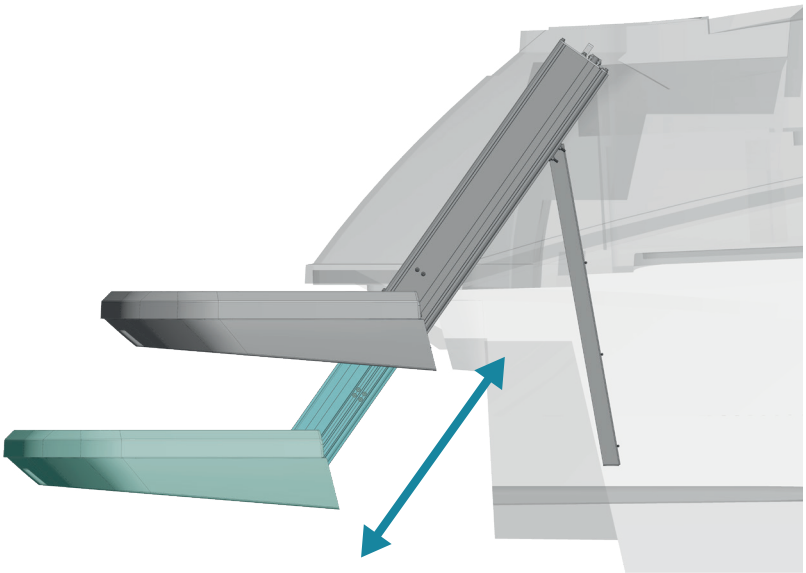
Credit: Jérome Kélagopian

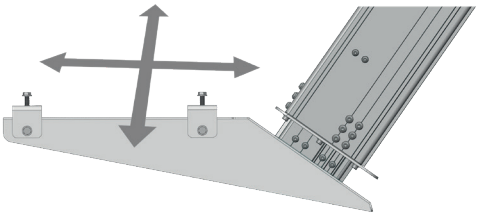
Credit: Noval

GENERAL DESCRIPTION



- The platform-lift consists of two synchronized electric telescopic columns and an electronic box to synchronize the two columns.
- Low energy consumption.
- Light system.
- In the upper position, no part of the system is submerged.
- For the perfect platform height, the system has fasteners that are adjustable lengthways and vertically.

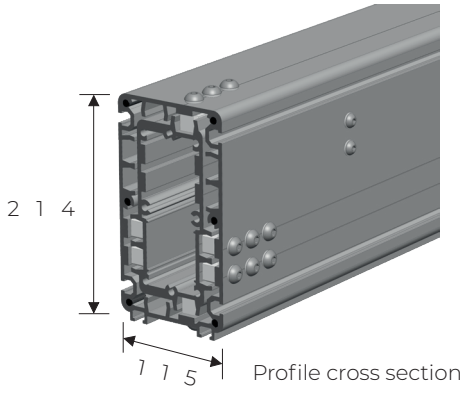




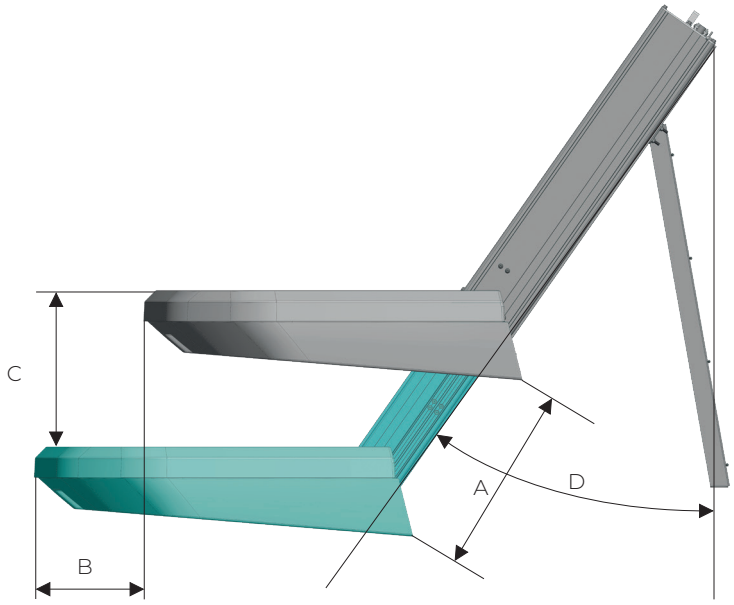
SAFETY

- Buzzer to warn of motion when starting up.
- Control of the system by pushing a button (the position of the control switches must be set so that the user can see the platform during its operation).

GENERAL DIMENSIONS



Profile cross section



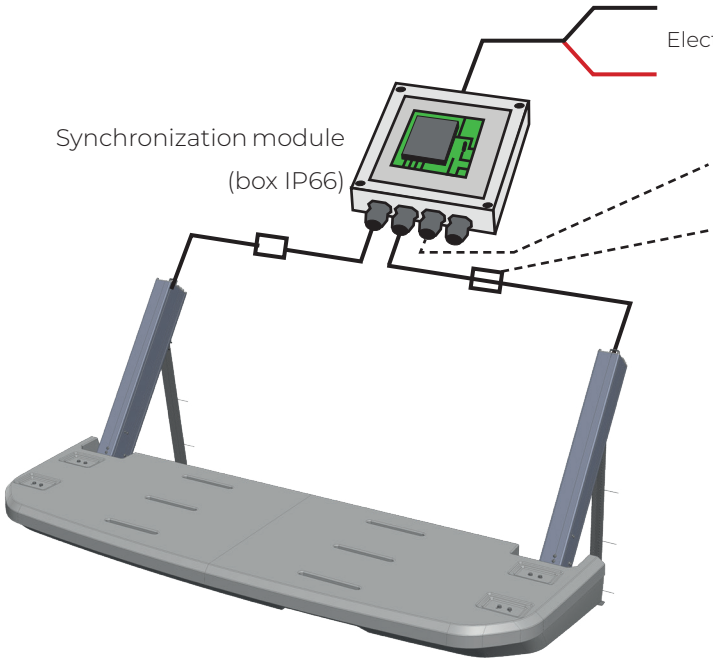
Reference	Stroke A(mm)	Angle D (°)	Stroke B (mm)	Stroke C (mm)
NL1496	600	35	340	490
NL2136	735	35	420	600

NB : The B and C values are given as an indication for a D integration angle of 35°.
For any individual request (specific stroke or different voltage), please do not hesitate to contact us.

MECHANICAL SPECIFICATIONS

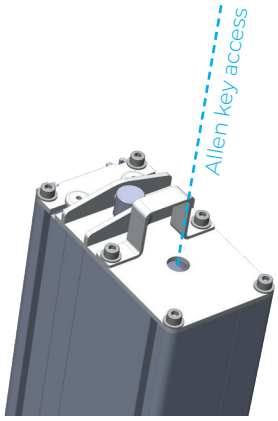
- Two limit switches automatically stop the movement when the column reaches one of its limit positions.
- The duration of movement on the entire travel is around 40 s for a stroke of 600 mm.
- Motorization protection index: IP66 in dynamic, IP69 K in static.
- Columns are validated at 500 h in salt spray.
- The weight of the platform-lift is about 70 kg (full function weight) for a 600 mm stroke platform lift.
- For larger load cases, we can offer hydraulic solutions, do not hesitate to contact us.
- The total weight supported by the platform-lift is broken down into a load of 200 kg that can be located anywhere on the platform and a load of 150 kg corresponding to the weight of the platform.

ELECTRICAL WIRING



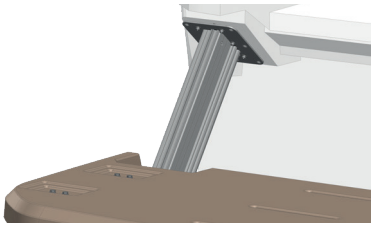
NB: Average consumption of the platform lift when empty 12A maximum consumption 50A.

REQUIREMENTS FOR USE

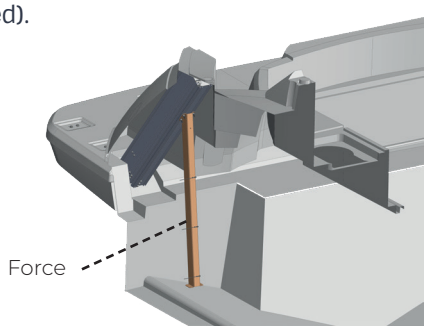


- In the lower position, the platform must not be used to stabilize the boat. It is recommended to that there are openings in the platform to mitigate effects of waves.
- In case of power failure, it is possible to operate the platform lift manually. To do this, use an Allen key to remove the protective screw, then use the same Allen key to manually operate the electric cylinder (The movement of each column is 4 mm per key turn).

SYSTEM FIXING



- The column is bolted to the hull (connection to be sealed).



- The power strut helps to power the columns. It is fixed between a surface fitted in the hull and the secured part of the column.