

Smart-Dock

The Smart-Dock platform aids in implementing new loading and unloading areas in your industrial building. It consists of a **formwork box** that comes already **equipped with the leveller for the loading dock with the chosen size, already pre-installed in its own pit** and with the wiring ready for operation.

The possibilities of human error in the phase of creating the plinth are reduced, assembly times are reduced and **costs are minimised** by dispensing with the construction of the pit.

Smart-Dock platforms are ready to be **used immediately after being put in place**.



Technical description

✓ **A structure in the form of an enveloping metal recess,** resistant to having concrete laid against it on site. Galvanized finish.

✓ **Hydraulic dock.**

The platform is manufactured in 5/7 diamond plate with a **lifting cylinder** and a **cylinder for the folding lip**, which is manufactured of 13/15 diamond plate with a 400 mm overhang.

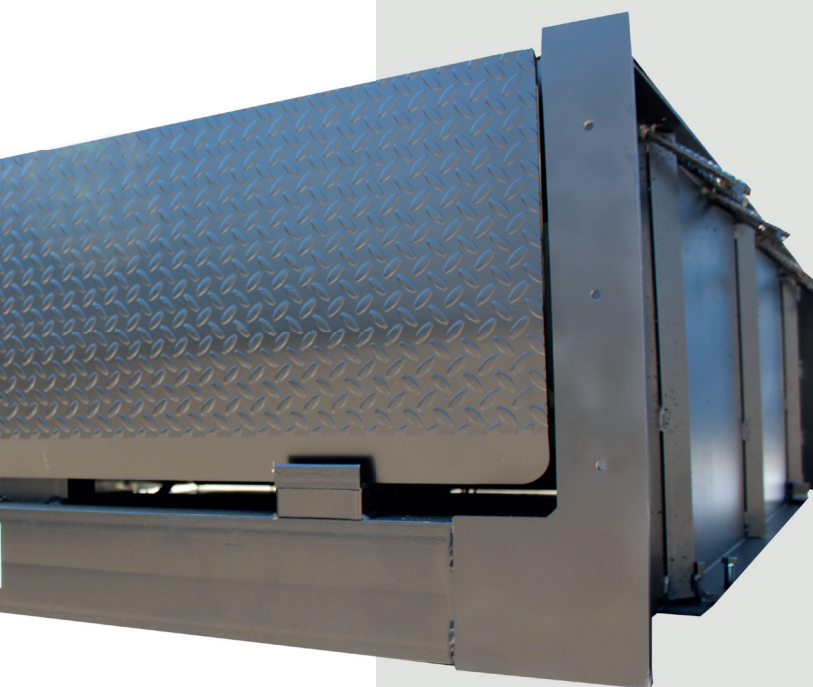
Full rustproofing and powder-sprayed with polymerised paint baked-on at 200°C.

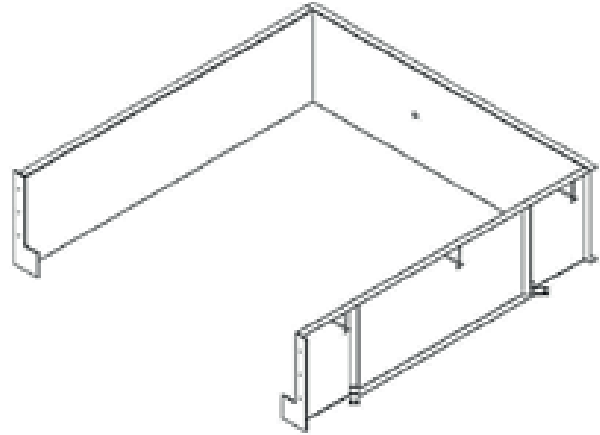
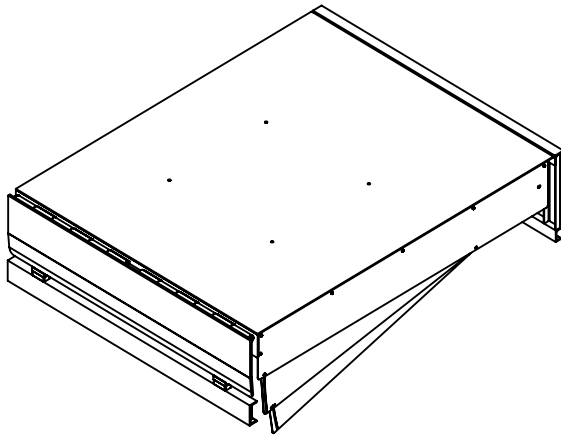
Hydraulic group with motorization and auto leveling system.

Lifting cylinder with a non-return valve to avoid the dock falling abruptly.

Resistant to temperatures from **-20°C to 50°C**.

Water-resistant electrical control panel IP55 fitted with an emergency stop button.





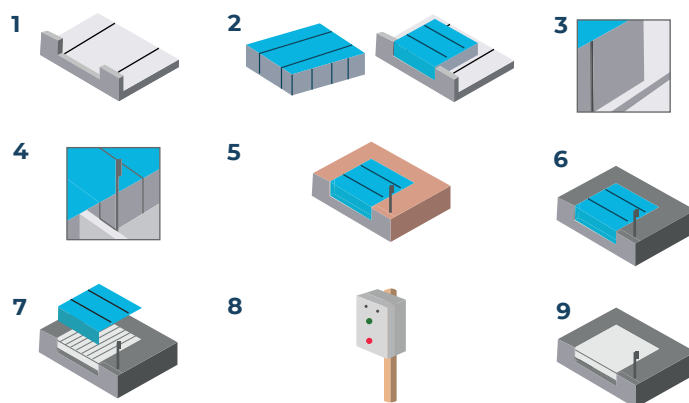
Smart-Dock + hydraulic leveller	
Static load capacity	9.000 kg
Dinamic load capacity	6.000 kg
Power supply	400V three-phase
Consumption	2A
Hydraulic group power	1,1 kw (1,5 CV)
Service pressure	170bar
Flow	2,2cm 3/s
Colour	Standard: black RAL 9005 Possibility galvanized

Characteristics

- ✓ **This does not need a construction work pit:** since it **includes its own metal structure**, it does not require the building of side or rear walls to house the dock.
- ✓ **Greater sturdiness against front impact** from vehicles. Since the formwork is carried out against the enveloping metal structure of the Smart-Dock, the latter is fully embedded in the construction work all around its perimeter.
- ✓ **Quick and easy assembly.**
- ✓ **Greater strength and more durability than conventional pit docks.**
- ✓ **Ready for immediate use.** With the construction completed, the protective elements that envelop the Smart-Dock are removed and the control panel is attached, to which the electrician has connected the power supply.
- ✓ **Option:** formwork box for hatch.

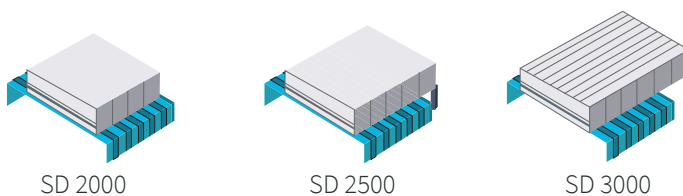
Installation process

- 1 Preparation.
- 2 Download and location.
- 3 Anchorage.
- 4 Fixing of the connection mast.
- 5 Filling and compaction.
- 6 Solera.
- 7 Removing the cover and mounting the rubber stops.
- 8 Electrical installation.
- 9 Installation finished.

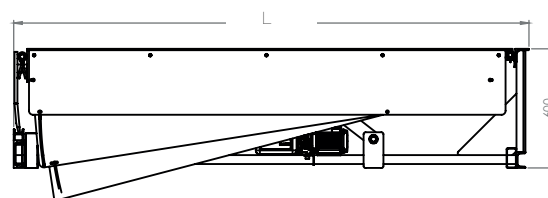
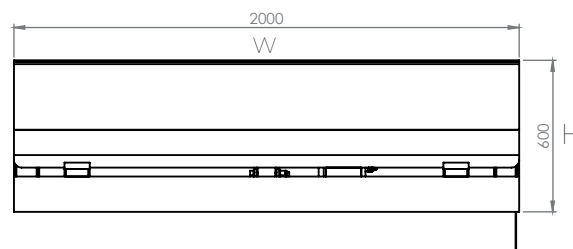
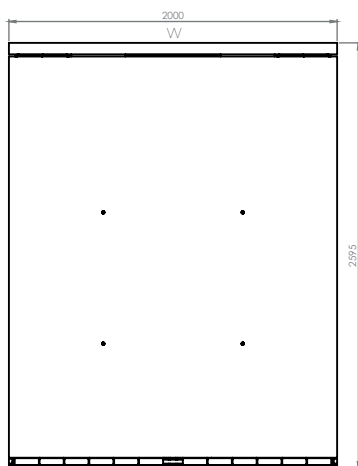


Formwork box

- ✓ Formwork box for hatch.



Plans and dimensions



Dimensions (mm)

Smart-dock (W x L x H)	Ref
2.000 x 2.155 x 600 mm	0101BG0301000
2.000 x 2.300 x 600 mm	0101BG0307000
2.000 x 2.500 x 600 mm	0101BG0302000
2.000 x 2.800 x 600 mm	0101BG0308000
2.000 x 3.155 x 600 mm	0101BG0303000
6' x 8' x 500mm	0201BG0202000