

# Flygt Dock-Lock™

For permanently installed large Flygt pumps with Drive Units 605 - 985

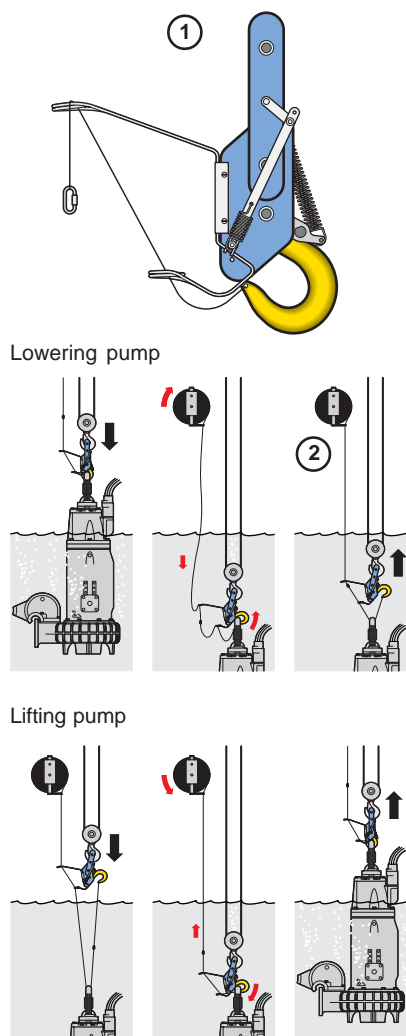
The Flygt Dock-Lock™ equipment simplifies hoisting large submersible pumps

## Benefits

- Quick pump installation in one continuous hoisting action
- Use one hoist for several pumps
- No expensive, dirty chains
- The pump is easy to locate also when submerged

## Function

- **Quick pump installation in one continuous hoisting action**  
The Flygt Dock-Lock™ lifting device connects the hook of the hoist to the pump handle. The pump is lifted and lowered in one go. The clean wire or chain of the hoist works smoothly in the hoist.
- **Use one hoist for several pumps**  
The hoist of the pumping station equipped with the Flygt Dock-Lock™ lifting device can handle all the pumps. The hoist can be installed low above the pumps.
- **No expensive, dirty chains**  
The Flygt Dock-Lock™ nylon rope or stainless steel wire extends from the pump to the top of the pumping station. No problems with dirty lifting chains and no regular chain inspection required. No lost of lifting chains.
- **The pump is easy to locate also when submerged**  
No more "fishing" for the pump. Connect first time regardless of station depth and submergence.



## Components

1. **Flygt Dock-Lock™ lifting device** is installed on the hook of the hoist in the pumping station. The spring-loaded hook fits the pump lifting handle
2. **Flygt Dock-Lock™ nylon rope with tension drum**  
For Flygt NP and CP centrifugal pumps.  
The rope guides the Flygt Dock-Lock™ lifting device to the pump handle. It also engages and releases the spring-loaded hook to the pump lifting handle. The tension drum keeps has rope for 30 m connection reach.

**Option: Flygt Dock-Lock™ stainless steel guide wire**  
For Flygt PL propeller pumps and Flygt LL low lift pumps installed in columns.  
The wire guides the Flygt Dock-Lock™ lifting device to the pump handle. It also releases the spring-loaded hook to the pump lifting handle. Standard wires for connection reach 4, 8, 12 and 16 meters.

## Technical Data

Item	p/No.	Qty	Max. load	Material	Weight/length
Flygt Dock-Lock™ lifting device	596 45 00	1 pc / hoist	5 tons	Hook: steel class 8. Housing: steel plate	7 kg
Flygt Dock-Lock™ lifting device	596 46 00	1 pc / hoist	10 tons	Hook: steel class 8. Housing: steel plate	15 kg
Guide wire 9 m, with loop and wear protection	673 00 00	1 pc / pump		4 mm stainless steel 316	
Guide wire 17 m, with loop and wear protection	673 00 01	1 pc / pump		4 mm stainless steel 316	
Guide wire 25 m, with loop and wear protection	673 00 02	1 pc / pump		4 mm stainless steel 316	
Guide wire 33 m, with loop and wear protection	673 00 03	1 pc / pump		4 mm stainless steel 316	
Tension drum with 60 m rope	602 49 00	1 pc / pump or station		8 mm polyester rope	
Guide rope	82 93 20	1 pc / pump or station		8 mm polyester rope	50 m