

- Pneumatic and safe in wet environments
- Fully chemical resistant, including strong acids and alkaline
- All round reinforced hoses support high flow > 25 m³/H even at >30 m head high
- Can be used as transfer pump for Urea
- Produced in-house by Marine Care, spare parts and support easily available

CARETECH DISCHARGE KIT XXL

The Caretech Discharge Kit XXL has been specifically developed for the maritime industry and is designed for the efficient pumping of bilges, residual water, wash water, and contaminated liquids after cargo hold cleaning operations.

The system consists of a powerful pneumatic diaphragm pump mounted on a robust stainless steel frame equipped with an integrated magnetic fixation system. This magnetic locking mechanism keeps the pump securely in position on steel ship decks and tank tops, even during intensive operation and under the pulsations typically generated by pneumatic diaphragm pumps.

The pump is especially suitable after cement and/or clinker cargoes, after which a strong acidic cleaning is done. The acid is the slops created by cleaning, is heavier than water and will concentrate in the bilges. When a traditional electric sump pump is used to pump the slops out, the steel or, in best case, brass impellor will slowly dissolve due to the low pH and cement/clinker particles.

The Discharge Kit XXL can process high and low pH slops without any issue due to the full chemical resistant design and ability to handle even particles of 5 mm in size without wear issues. The pump is also ideal for transfer of Urea liquid from IBC/Tote to the vessel's manifold. The existing suction hose can be used to pump from top of IBC, or in case a 3" to 2" Camlock connector is used, the suction hose can be connected to the 2" male camlock connection, present at most IBC's/Tote's.

The Caretech Discharge Kit XXL combines:

- High pumping capacity
- Reliable pneumatic operation
- Easy installation
- Robust marine-grade construction
- Safe and stable onboard operation

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	VALUE
Model	Caretech Discharge XXL
Maximum lifting capacity	40 – 55 meters
Maximum capacity (free flow)	568 ltr/min
Maximum working pressure	8.4 bar (0.84 MPa)
Suction hose	3" x 5 meters
Discharge hose	2-1/2" x 50 meters (2 x 25 meters)
Air hose	3/4" x 25 meters
Pump dimensions (L x W x H)	955 x 500 x 390 mm
Package dimensions (L x W x H)	1200 x 1000 x 1255 mm
Weight	149 kg

- Pneumatic and safe in wet environments
- Fully chemical resistant, including strong acids and alkaline
- All round reinforced hoses support high flow > 25 m³/H even at >30 m head high
- Can be used as transfer pump for Urea
- Produced in-house by Marine Care, spare parts and support easily available

CARETECH DISCHARGE KIT XXL CONTENTS:

- Pneumatic diaphragm pump
- Integrated magnetic fixation system
- 5 meter suction hose with camlock connections
- 2 x 25 meter discharge hoses with camlock connections
- 25 meter compressed air hose
- Stainless steel suction strainer
- Pre-installed camlock couplings

