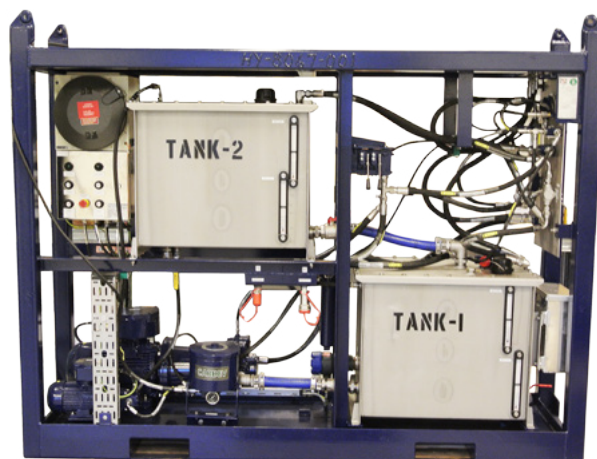
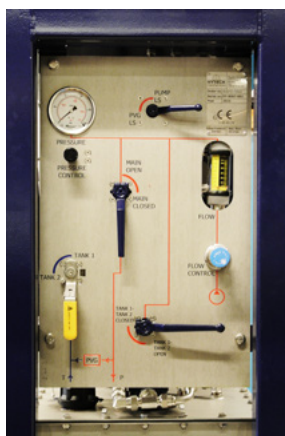




The Hytech Flushing unit is a combined cleaning / circulation unit and a Hydraulic Power Pack (HPU) for multipurpose use.

It is built for ease of transportation and easy hookup for use on a new location. It is built to be used in hazardous areas. It is designed around two Electric driven hydraulic pumps with the best in terms of performance and reliability, long service intervals and high efficiency and are EX-certified.

The system consists of two tanks made for hydraulic fluid, one "clean" tank and one 'dirty' tank. The clean tank is where the oil is taken for the HPU and circulation purposes. The operator can then select the return to come back either to the same 'clean' tank or reroute it to the 'dirty' tank.

The dirty tank has connected a filtration circuit which clean up the oil and remove particles and water content if any before it route it back to the 'clean' tank for reuse.

Functional description

The Flushing unit have the possibility to work with the most common power voltage levels.

It has the possibility to adjust both the flow and the pressure for the flushing circuit. This to allow for low pressure and high pressure flushing tool dependent.

Features & Benefits

The Flushing unit are certified for lifting and transportation (designed according to DNV 2.7.1), it has a compact but still service friendly design. It can be utilized for many different hydraulic consumers, and cleaning processes. It has a design that make it easy to start up and operate.

Quick connectors for the hydraulic supply and return interfaces.

Setup for **multi-voltage** connections from 380 VAC and up to 690/VAC.

Forklift pockets for ease of movement by forklift,

Lifting lugs with shackles and chains for easy lifting by crane.



Interface information

Model: HFU

The unit can be connected from bulkhead plate connectors:

HPU function interface

LS	Hatch Pump Load Sense port 3/8 BSP
P	Hatch Pressure port 1/2 BSP
T	Hatch Tank port 3/4 BSP

Flushing function interface

T	Tank Port Male HK HNV 3/4"
P	Pressure Port Female HK HNV 3/4"

Specifications & Dimensions

The frame is built in accordance to DNV 2.71 standard.

There are 4-part lifting lugs for connections of chains installed on the frame for transport use.

Forklift pockets are placed in bottom part of the frame.

Tanks

Unit contains 2 tanks:

HPU / 'clean' tank

Volume	210 l
Material	AISI 304

HPU / 'dirty' tank

Volume	210 l
Material	AISI 304

Specifications Dimensions

Description	Data
Lenght	2360mm
Width	630 mm
Height	1900 mm
Max gross Weight	2000 kg