

Hydraulic Power Unit

Model (TBC)

The Task **Hydraulic Power Unit (HPU)** can be skid mounted, free-standing unit or mounted to a DNV certified Skid. The HPU generates hydraulic pressure and creates the flow required to serve the platform's hydraulic ring-main system. It is designed to supply hydraulic fluid at 3000 PSI to the various hydraulic driven equipment of the platform and to maintain hydraulic fluid to a cleanliness level that exceeds NAS 1638 class 7.

Our most popular HPU is skid mounted with a crash frame and four (4) lifting eyes. It contains a reservoir, electric driven pumps, safety pressure relief valve, filters, heat exchanger, fill system and instrumentation. It has been designed to operate in potentially explosive hazardous areas and has been designed for a 25-year life, subject to regular maintenance.

Features & Benefits

ATEX Zone 1

Local control panel (zone 1);

Dual cooler – redundant cooling system;

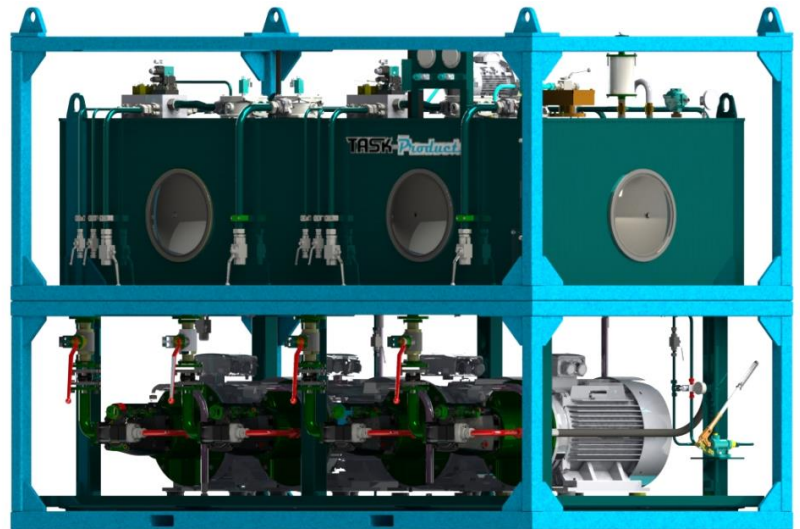
Pulsation dampeners;

Noise insulation hood – around pumps;

Moisture sensors / particle detector

Fine filtration unit

CE Marking



Hydraulic Power Unit, 3000PSI

Specification

Design Pressure	3000 psi @ 20 GPM 1500 psi @ 50 GPM
Test Pressure	4500 psi
PSV Setting	3200 psi
Design Temperature	-4 to 40 degree Celsius
NAS Class	NAS 7
Electric Motor	150HP @ 1200 RPM
Reservoir	SS 900 Gallon
Heat Exchanger	Plate Type Titanium
Certification	DNV or ABS

Services

Electrical Connection	400-480V ac, 50/60Hz
Compressed Air	8 Bar, 400L/min