

HPU 2 X 75KW EX

FOR USE IN HAZARDOUS AREA
ZONE 1



Our Hydraulic Power Units (HPUs) are engineered for superior performance and reliability. Each unit is delivered with oil and certified lifting gear for lifting, ensuring easy and safe transportation and installation.

Features

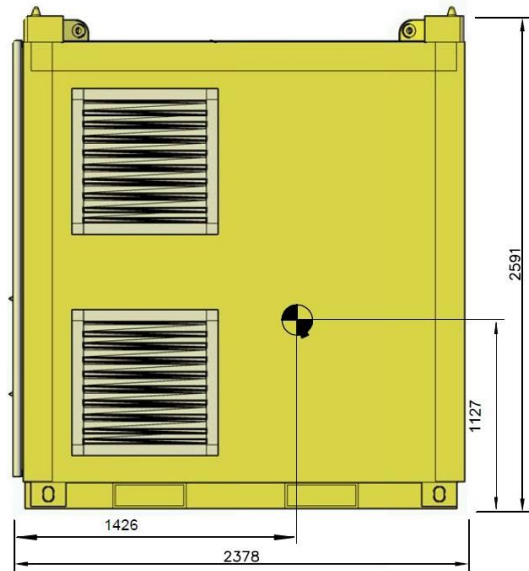
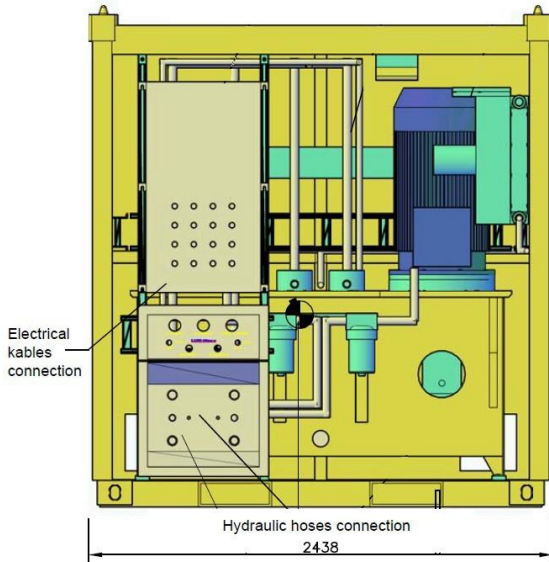
- Redundancy: 100% redundancy achieved through dual separate hydraulic systems.
- Operation: Hydraulic systems can be operated independently or together for enhanced safety and zero downtime.
- Seamless continuity: In the event of a system failure, the alternate hydraulic system ensures uninterrupted operation.
- Design: Enclosed in a container to minimize noise and simplify maintenance, promoting a quieter and more user-friendly operational environment.

Technical specifications

- Hydraulic systems: Dual separate systems for redundancy and reliability. Automatic air/oil cooler installed. Quick mount and drip secure hydraulic connectors mountes in front of unit (SnapTite 71 series)
- Electrical systems: Electrical configurations for running both pumps.
- Containerized construction: Designed for reduced noise levels and easier maintenance access.
- Area class: For use in hazardous area zone 1 (offshore)

Certification

- Lifting Gear: Certified lifting gear included for secure lifting.
- Documentation: NORSOK Z-015 package



HPU 2 X 75KW EX:

GENERAL

Owner	KOLOS Lifting & Inspection AS
Type and model	Hydraulic power unit 2 X 75KW EX // HPU 4737
Ambient conditions	Temperature: -20 to + 30 °C // Inertia: +/- 0.3 g horizontal, any direction, +/- 0.3 g vertical
Hazardous area	Zone 1

CODES / APPROVALS

CE marked	Yes (Machinery directive)
ATEX	Yes (ATEX directive 94/9/EC).
Lifting DNV 2.7-1	DNV 2.7-1
NORSOK	Z-015 (U99, normally unmanned)
EX class (completion)	Ex II 2 G/D Eex de(IA) IIB T3

HYDRAULIC

Pumps	2 x variable axial piston pump
Flow/Pressure	Up to 2x320 l/min // Max 350 bar Tank
Cooling	Hydraulic reservoir 1900 l // Air/oil cooler
Oil type and filter	Mineral oil, viscosity grade 32 // Pressure and tank filter 10 micron
Connections	SnapTite 71 series (drip-free connections)

ELECTRICAL (DATA FOR EACH PUMP)

Installed power(kW)	2 x 75 kW
Voltage	Up to 690 V
Current	136 A (400 V), 78,5 A (690 V) 50 Hz and 135 A (440/460 V) 78 A (690 V) 60Hz
Starting current	Approx 315 A

MECHANICAL

Size L x W x H (mm)	2378 x 2438 x 2591
Voltage	Up to 690 V
Weight with oil (kg)	Approx..6500 kg