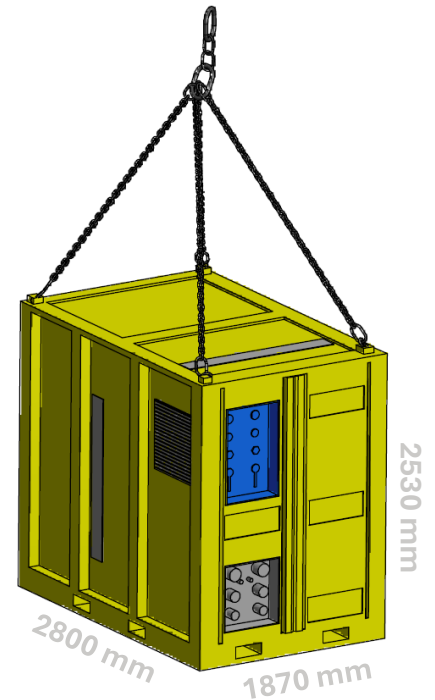


RENTAL ID 4170 / 4171



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.
- **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



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GENERAL

Owner	KOLOS Lifting & Inspection AS
Type and model	Hydraulic power unit 2 X 55/63KW EX // HPU 4170 – 4171
Ambient conditions	Temperature: -20 to + 30 °C // Inertia: +/- 0.3 g horizontal, any direction, +/- 0.3 g vertical
Hazardous area	Electrical: EEX de (ia) IIB T4 // Mechanical: Ex c IIB T4

CODES / APPROVALS

CE marked	Yes (Machinery directive 98/37/EC)
ATEX	Yes (ATEX directive 2015/34/EU). Electrical: EEX de (ia) IIB T4 / Mechanical: Ex c IIB T4
Lifting	DNV 2.7-1
NORSOK	Z-015 (U99, normally unmanned)
Other	EMC, NEK400, IEC 60947-4-2, FEU, MD522
EX class (completion)	Ex II2G Ex de(ia) T4

HYDRAULIC

Pumps	2 x variable axial piston pump
Flow and pressure	Up to 2x250 l/min // Max 350 bar
Tank and cooling	Hydraulic reservoir 1250 l // 2 pcs Nissen HP60-2 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 55/63 kW (Electric motor 2 ea EB35 250M -4 (IP 54 / IP 56). EExde IIB T4 – B3/B5
Voltage	Up to 690 V
Current	99 A (400 V), 57 A (690 V) 50 Hz and 101 A (460/480 V) and 59 A (660/690 V) 60Hz
Starting current	Approx 633 A (400 V) and 320 A (690 V)

MECHANICAL

Size L x W x H (mm)	2800 x 1870 x 2530
Weight (kg)	Tara 5000 kg // Payload 1700 kg // Max gross weight 6700 kg

