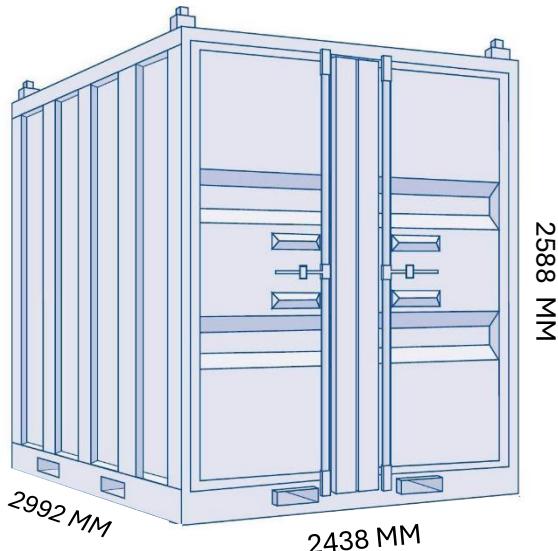




HPU 1 X 123KW

FOR USE IN SAFE ZONE

RENTAL ID 4435



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

- **Design:** Diesel HPU build in an isolated container (lower engine noise), protected from external influences.
- **Safety:** Automatic fire fighting plant (foam), remote shut down (if activated) and barriers to shut down the engine.
- **Operation:** Hydraulic systems designed for use under demanding conditions. High flow (up to 480 l/min). Installed automatic air-oil cooler. Can be used without any power connected (standalone).
- **Lifting:** Delivered with lifting system (chain sling) and pockets for forklift.

Technical specifications

- **Hydraulic systems:** Single pump with variable flow and configurate for load sense mode.
 - **Connection:** Quick mount and drip secure hydraulic connectors mounted in front of unit.
- **Electrical systems:** Electrical configurations 24V DC (battery package installed) and 230V AC (if connected).
 - **Safety system:** Built with safety systems for secure use.
- **Area class:** For use in safe zone (none atex)

Certification

- **Lifting Gear:** Certified lifting gear included for secure lifting.
- **Documentation:**



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GENERAL

Owner	KOLOS Lifting & Inspection AS
Type and model	Hydraulic power unit 1 X 123KW // HPU 4435
Ambient conditions	Temperature: -20 to + 30 °C // Inertia: +/- 0.3 g horizontal, any direction, +/- 0.3 g vertical
Area	Safe zone

CODES / APPROVALS

CE marked	None
ATEX	None (safe zone)
Lifting	DNV 2.7-1
NORSOK	None

HYDRAULIC

Pumps	1 x variable axial piston pump
Flow and pressure	Up to 480 l/min at 1800 rpm // Max 350 bar
Tank and cooling	Hydraulic reservoir 1250 l // air/oil cooler
Oil type and filter	Mineral oil, viscosity grade 32 // Filters 10 micron
Connections	SnapTite 71 series (drip-free connections)

ELECTRICAL / DIESEL

Installed power (kW)	1 x 123 kW Diesel engine (John Deere 6068T)
Voltage	Battery: 24 V DC Wall connected: 230 V AC (light, heating, charging etc)
Diesel tank	400 litres (fuel pump for filling tank installed)

MECHANICAL

Size L x W x H (mm)	2992 x 2438 x 2588 (10 feet container)
Weight with oil (kg)	6200 kg



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