

Hydraulic Power Unit 3K 150L

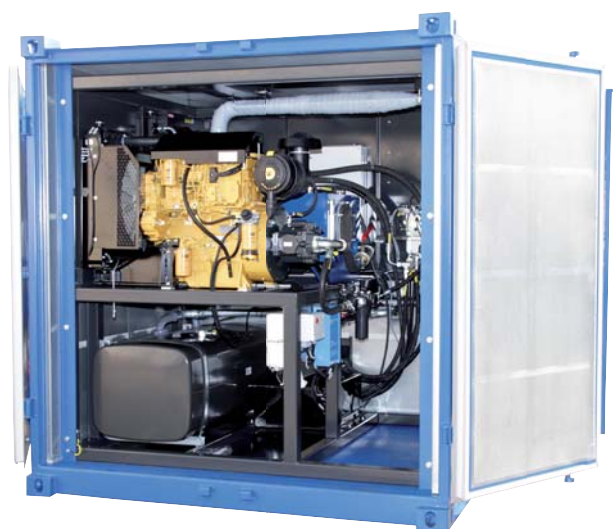


Profile

The Koller Hydraulic power Unit 3k150L is a complete electro-hydraulic system to supply a power-swivel and a power-tong with hydraulic pressure.

The operator controls the HPU with the control panel into the container or by remote control from the rig floor.

- Hydraulic control panel
- Electric control panel
- Remote control with 30 m cable
- Emergency remote control with 30 m cable
- Two internal hydraulic hose reels
- Connection area for hydraulic supply / return and electric supply
- 4-cylinder Diesel power pack
- Water and hydraulic oil coolers
- Hydraulic pumps



4-cylinder diesel engine

Hydraulic Power Unit 3K 150L

Specifications

Form factor	10 ft steel container
Range of ambient temperature	-20 / + 40 °C
CE conform according	machinery directive 2006/42/EG, low voltage directive 2006/42/EG

Hydraulic System

Maximum working pressure	210 bar / 3,045 psi
Pump flow rate	150 liter/min 39.6 gallon/min
Fluid reservoir	300 liter
Functions	one for power swivel one for power tong

Control Panels

Pressure gauges	2 pieces with OD 60 mm
Pressure regulator with engraved flow diagramm	2 pieces, 1 per function
Remote control	wired, with 30 m cable

Dimensions

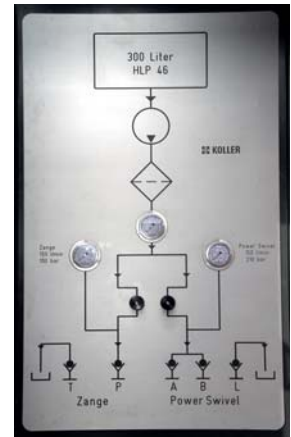
Length	2,990 mm / 9.80 ft
Width	2,450 mm / 8.03 ft
Height	2,581 mm / 8.47 ft
Gross weight	6,500 kg / 14,330 lbs



Container closed



Electric control panel



Hydraulic control panel

Electric Control Panel

- Emergency stop
- Disturbance display
- Turn-switch for control panel or remote control
- Turn-switch for tong operation ON / OFF
- Turn-switch for electric lighting
- Three control lamps for motor information
- Control lamp for electric supply
- Fuel gauge
- Information display with start-switch for motor

Electric Power Sources

Supply	230V AC / 16 A
Frequency	50 Hz



Remote control



Connection area



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