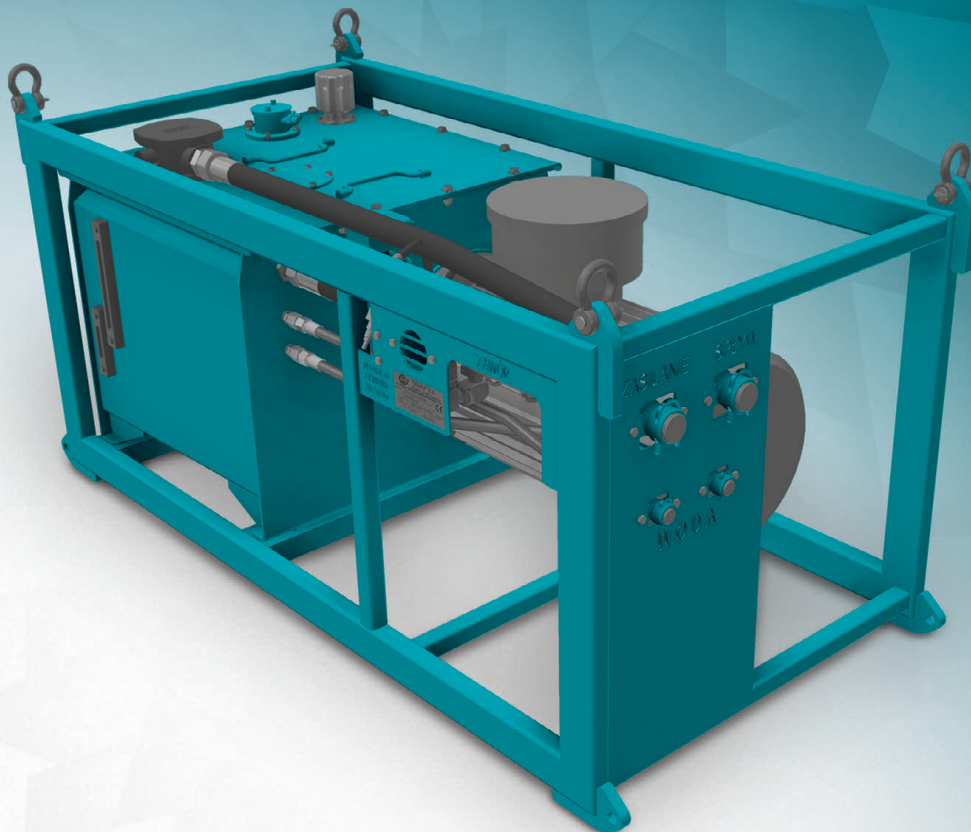




GZH HUMPBACK WHALE

MINING HYDRAULIC POWER UNIT



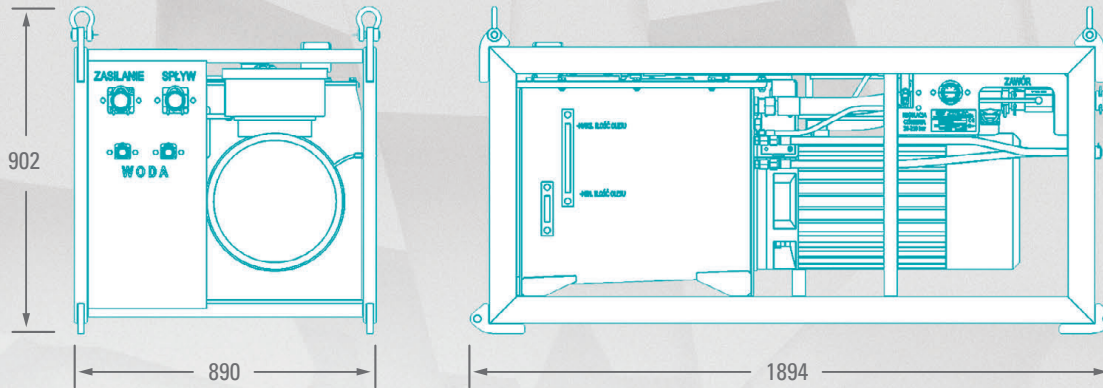
Mining hydraulic power unit GZH-HUMPBACK WHALE is mobile source of power supply and control for hydraulic devices (receivers).

Mining hydraulic power unit GZH-HUMPBACK WHALE is adapted to work in methane and non-methane mines, excavations with degree of „a”, „b” and „c” of methane explosion hazard and excavations with class of „A” and „B” of coal dust explosion hazard.

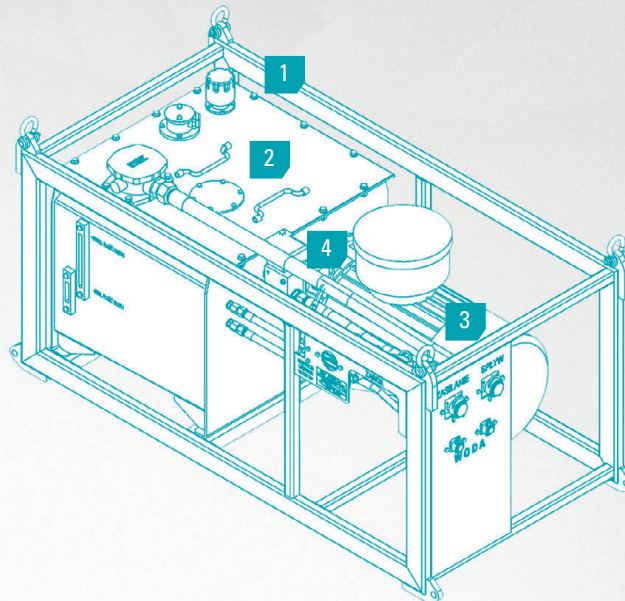
This device has been classified as Group I, category M2 due to its application in areas exposed to danger of explosion. This device has been classified as Group I, category M2 due to its application in areas exposed to danger of explosion (according to directive 2014/34/UE).

GZH-HUMPBACK WHALE
MINING HYDRAULIC POWER UNIT

DIAGRAM



- 1 Frame.
- 2 Oil tank 200 l.
- 3 Drive unit.
- 4 Hydraulic unit.



TECHNICAL CHARACTERISTICS

| | | | |
|--|--|-------------------------------------|--------------|
| HYDRAULIC POWER SUPPLY UNIT CAPACITY [l] | 200 | OIL TEMPERATURE [°C] | - 15 to + 80 |
| WORKING PRESSURE [MPa] | 21 | COOLING AGENT | water |
| PRESSURE'S ADJUSTMENT RANGE [MPa] | 2 – 21 | MAX. COOLING AGENT'S PRESSURE [MPa] | 1.2 |
| PRODUCTIVITY [l/min] | 90 | FILTRATION ACCURACY [µm] | 20 |
| SYNCHRONOUS MOTOR ROTATIONS [rpm] | 1500 | WEIGHT [kg] | ~ 702 |
| ELECTRIC MOTOR'S POWER [kW] | 30 | WEIGHT OF UNIT WITH OIL [kg] | ~ 874 |
| VOLTAGE [V] | 500 or 1000 | | |
| TYPE OF HYDRAULIC OIL | oil HL-46, LHP-46, L-LH acc. to. PN-C-96057-04:1991 or other with similar parameters | | |