



Fabryka Maszyn i Urządzeń „OMAG” Sp. z o.o.
Brzezinka ul. Górnicza 8 32-610 Oświęcim Polska

Hydraulic Power Supply Unit
AZH2-68/27 AZH2-107/27

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The design and materials used to make the power supply unit allow them to be operated in non-methane and methane areas in workings classified as "a", "b" or "c" methane explosion hazard zones and in workings classified as class "A" or "B" coal dust explosion hazard zones. The AZH2-68/27 and AZH2-107/27 power supply unit are classified as Group 1 Category M2 equipment according to the Decree of the Minister of Economy of 22 December 2005 on essential requirements for protective systems and equipment intended for use in potentially explosive atmospheres (Dz. U. /Journal of Laws/ No. 263 of 2005, pos. 2203) and also meet the requirements of the Decree of the Minister of Economy of 21 October 2008 on essential requirements for machinery (Dz. U. /Journal of Laws/ No. 199 of 2008, pos. 1228).

| TYPE | Unit | AZH2-68/27 | AZH2-107/27 |
|--|----------------------|--|---------------|
| Marking | - | CE I M2 X | |
| Output for pump with manual output adjustment | dm ³ /min | 0÷68 | 0÷107 |
| Output for pump with automatic output adjustment | dm ³ /min | 0÷27 | |
| Maximum pressure for pump with manual output adjustment | MPa | 16 | |
| Maximum pressure for pump with automatic output adjustment | MPa | 16 | |
| Operating medium | - | Hydraulic oil L-HL 46 or L-HL 68 | |
| Tank capacity | dm ³ | 95 | 135 |
| Electric motor power | kW | 22 | 30 |
| Rated voltage (AC 3-phase) | V | 500 (standard) 400 660 500/1000 | |
| Degree of filtration | µm | 10 | |
| Weight (excluding oil) | kg | 675 | 825 |
| Overall dimensions | mm | 1520x700x980 | 1615x750x1050 |

We recommend using our Hydraulic Supply Unit to power our WDH-1 or WDH-3 range of drilling rigs.



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Hydraulic Pump Unit **HZP HZP-27**

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| TYPE | Unit | HZP | HZP-27 |
|----------------------------|----------------------|--|--------------|
| Marking | - | CE I M2 | |
| Output | dm ³ /min | 16 | 27 |
| Maximum pressure | MPa | 12 | 20 |
| Operating medium | - | L-HL 32 or L-HL 46 hydraulic oil | |
| Tank capacity | dm ³ | 45 | 65 |
| Electric motor power | kW | 4 | 11 |
| Rated voltage (AC 3-phase) | V | 500 (standard) or other customized versions on special order | |
| Degree of filtration | µm | 25 | 25 |
| Weight (excluding oil) | kg | 182 | 220 |
| Overall dimensions | mm | 600x540x880 | 600x540x1030 |

The HZP Hydraulic Pump Unit is designed to be used as a power supply unit for hydraulic equipment.

The design and materials used to make the pump unit and the overhead mine trolley allow them to be operated in non-methane and methane areas in workings classified as "a", "b" or "c" methane explosion hazard zones and in workings classified as class "A" or "B" coal dust explosion hazard zones. The HZP and PWJG units are classified as Group 1 Category M2 equipment according to the Decree of the Minister of Economy of 22 December 2005 on essential requirements for protective systems and equipment intended for use in potentially explosive atmospheres (Dz. U. /Journal of Laws/ No. 263 of 2005, pos. 2203) and also meet the requirements of the Decree of the Minister of Economy of 21 October 2008 on essential requirements for machinery (Dz. U. /Journal of Laws/ No. 199 of 2008., pos. 1228).

