

Plunger Pump T-63/45



SPECIFICATION:

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|---|--------------------------|
| ✓ Pump output | 63 dm ³ /min. |
| ✓ Working pressure | 45 MPa |
| ✓ Transient pressure | 55 MPa |
| ✓ Plungers | 3 |
| ✓ Plunger Ø | 32 mm |
| ✓ Engine power | 55 kW |
| ✓ Operating voltage | 380 lub 500 V |
| ✓ Drive speed | 1475 obr/min |
| ✓ Pump engine dimensions (L. x W. x H.) | 2150x975x875 |
| ✓ Pump unit weight | 720 kg |
| ✓ Pump engine weight | 1500 kg |



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APPLICATIONS:


The **T-63** high pressure pump features horizontally mounted triple plungers and is primarily designed for pumping water or water-oil emulsion.

The **T-63** meets E.U. safety classification and certification requirements. The **T-63** is a Group **I** Device and is in the **M2** Category for equipment working in areas at risk of explosion. It meets Poland's legal requirements relating to the "essential requirements for equipment and protective systems intended for use in potentially explosive atmospheres (OJ No 263/2005, item. 2203)". This law complies with the EU Directive **94/9/EC (ATEX)**.

The device can therefore be used in deep mining operations and in the presence of methane at sites that are in the "a", "b" and "c" hazard classes for methane explosion and "A" and "B" hazard classes for coal dust explosion.

The unit is to be switched off by the operator if a risk of explosion develops and/or if methane concentration exceeds acceptable levels.

This T type of pump unit is marked  **I M2**.

The pump unit can only be operated in conjunction with electrical equipment that meets **UE nr 94/9/WE (ATEX) Directive** for groups and class  **I M2**.