

MOBILE AUTOMATIC FILLING MACHINE FOR FILLING 10 LITER CONTAINERS OR MORE

INDUSTRY

Production of all kinds of lubricants

DESCRIPTION OF THE MEASURING APPLICATION

Mobile full-hose measuring system for filling lubricating oils in containers of 10 liters or more. The container size is entered at the preselection counter (URS-09). The filling can be started with the start button on the loading arm as often as required. The pump speed and the valve are controlled via defined parameters, which are determined during commissioning. Up to five different parameter sets can be stored, which are automatically activated via the preselected container size. This ensures that the ideal flow rate is always achieved for small and large containers. The automatic throttling of the flow rate at the end of the filling process guarantees to reach the exact desired quantity.

DESIGN OF THE MEASURING SYSTEM

- TKW - coupling for connection to the storage tanks or tank tapping points
- internally geared positive displacement pump, frequency controlled
- Filter
- Flow transducer: oval wheel meter Type OI50AG20/F5
- flexible hose loading arm DN 32 with shut-off unit
- electronic control and dosing device universal computer type URS-09
- Type examination certificate according to the MID directive 2014/32/EU

TECHNICAL DATA

- Pump: DN 50 PN 16, flow rate: 8 – 10 m³/h, differential pressure 1-6 bar
- Cartridge filter: DN 50 PN 16
- Oval wheel meter: DN 50 PN 40, 0.3 – 1000 mPa·s, -10°C to +50°C, 20 – 300l/min, smallest delivery quantity: 10 liters

