

Z300R11

### **Mobile vacuum pump unit**

Nominal suction capacity vacuum pump (160 m<sup>3</sup>/h [at 50 Hz]; 190 m<sup>3</sup>/h [at 60 Hz])

Nominal suction capacity Roots pump (250 m<sup>3</sup>/h [at 50 Hz]; 300 m<sup>3</sup>/h [at 60Hz])

#### **For evacuation of air or nitrogen**

This series is very powerful and allows quick evacuation of large gas compartments. A vacuum pump combined with a Roots pump enables to obtain a final vacuum of  $2 \times 10^{-2}$  mbar. Thus not only air but also moisture is removed from the circuit breakers. Therefore the subsequent filling process is prepared perfectly.

Three coupling connections (DN20 and 2 x DN40) allow the evacuation of two gas compartments at the same time without any manifold that means more efficiency and higher productivity during operation.



#### **Standard version**

- Roots pump, mounted on a vacuum pump, final vacuum  $2 \times 10^{-2}$  mbar
- digital vacuum indication 0 - 100 mbar
- solenoid valve DN50
- DILO couplings DN20 / DN40
- electric control
- fixing and steerable rollers
- crane eyelets
- stowage tray for tools and accessories
- wrenches for DILO couplings
- paint: orange

#### **Special features**

- Evacuation of air: < 1 mbar
- DILO couplings: DN20/DN40
- Operating voltage: 208-240/380-460 V
- Frequency: 50/60 Hz
- Operation: automatic

## Advantages & functions

- final vacuum  $2 \times 10^{-2}$  mbar
- protection of the vacuum pump against overpressure by a solenoid valve
- adapters for other nominal widths are available

## Technical data

|                        |   |
|------------------------|---|
| Operating voltage      | 208 - 240 / 50 - 60 V three-phase current |
| Dimensions (W x H x D) | 800 x 1500 x 1250 mm                      |
| Weight                 | 450 kg                                    |
| Ambient temperature    | 0 to +45 °C                               |
| Operating temperature  | 0 to +45 °C                               |
| Storage temperature    | -20 to +60 °C                             |

## Optional accessories

|                |   |
|----------------|---|
| 6-1017-R050    | 5 m long rubber hose DN20 with DILO coupling tongue part DN20 on both ends  |
| 6-1017-R100    | 10 m long rubber hose DN20 with DILO coupling tongue part DN20 on both ends   |
| 6-1076-R050    | 5 m long wire-braided hose DN40 with DILO-coupling tongue part DN40 on both ends  |
| 6-1076-R100    | 10 m long wire-braided hose DN40 with DILO-coupling tongue part DN40 on both ends   |
| 6-1080-R050    | 5 m long wire-braided hose DN40 with DILO coupling tongue part DN40 on one end and DILO coupling tongue part DN20 on the other end  |
| 6-1080-R100    | 10 m long wire-braided hose DN40 with DILO coupling tongue part DN40 on one end and DILO coupling tongue part DN20 on the other end |
| K029R55        | Tarpaulin   |
| 6-1048-R131    | Annual maintenance package for vacuum pump  |
| 6-1053-R003/1M | Electrical connecting cable 5x6 AWG9 (available lengths 5 - 30 m)   |
| 6-1053-R005/1M | Electrical connecting cable 5x10 AWG7 (available lengths 5 - 30 m)  |

## Packaging

|               |                               |
|---------------|-------------------------------|
| 3-1001-R015-C | Packing for Z300R11 / Z300R12 |
|---------------|-------------------------------|

## Note

Even larger vacuum pump stands are available on request.

For the 380 - 480 V voltage range the following cable is required: 6-1053-R003

For the 200 - 240 V voltage range the following cable is required: 6-1053-R005

