

## DESOL w.i.l.m.a. - PU

No. 14296

### Description

For the processing of PU and silicate resins the combination DESOL w.i.l.m.a. with the piston pump DESOL AirPower L36-2C is the optimal solution. Due to the large dimensioned material passages, the piston pump is also suitable for highly viscous injection materials and achieves a delivery rate of max. 20 l/min at a mixing ratio of 1 : 1. DESOL w.i.l.m.a. monitors and documents the material consumption, the injection pressure and the mixing ratio.

### Material to be used

- 2C polyurethane
- Silicate resin

### Delivery range

DESOL AirPower L36-2C: moving device, 3 m suction system Ø 20 mm with suction basket Ø 100 mm: component A: transparent, component B: black, 2 x manometer 0 - 400 bar, material hose connection: component A: external thread G ½", component B: external thread G ¾", return hoses Ø 13 mm: transparent, air connection set: claw coupling 42 mm, air plug NW7.2; DESOL w.i.l.m.a.: control cabinet with integrated control, 10 m supply cable, on/off switch, control lamp, integrated signaler, flow sensor, pressure sensor, impact resistant and waterproof CATERPILLAR (up to 1 m) T20 Tablet with Windows 10, incl. instruction manual

Including professional instruction on the site by an experienced application technician and subsequent application support (approx. 2 hours). Arrival and departure will be charged on a time and material basis.

### Advantages

- Fixed mixing ratio 1 : 1 - continuously electronically monitored
- Large dimensioned material passages
- Easy maintenance and service

### The system can switch off automatically at

- Reaching the set material consumption
- Reaching the set injection pressure
- Inadmissible exceeding of the mixing ratio



1. Pressure regulator with manometer and anti-freeze device  
2. Flow sensors

### Technical data

|  |                  |
|--|------------------|
| Working pressure - infinitely variable | 5 - 200 bar      |
| Delivery rate                          | max. 20 l/min    |
| Air consumption                        | 2,5 m³/min       |
| Transmission ratio                     | 1 : 25           |
| Mixing ratio                           | 1 : 1            |
| Air pressure                           | max. 8 bar       |
| Weight - control cabinet               | 8,62 kg          |
| Weight - tablet                        | 0,68 kg          |
| Weight                                 | 110 kg           |
| L x W x H - control cabinet            | 30 x 19 x 33 cm  |
| L x W x H - tablet                     | 22 x 14,5 x 2 cm |
| L x W x H                              | 116 x 56 x 98 cm |

### Accessories

|  | No.       |
|--|-----------|
| Set of spare and wear parts DESOL AirPower L36-2C VA | 17606-EVS |
| Set of tools DESOL AirPower L36-2C VA                | 17606-WS  |

## DESOI w.i.l.m.a.

### Delivery range

control cabinet with integrated control, 10 m supply cable, on / off switch, control lamp, flow sensor, pressure sensor, impact resistant and waterproof CATERPILLAR (up to 1 m) T20 Tablet with Windows 10, incl. instruction manual

### The system can switch off automatically at

- Reaching the set material consumption
- Reaching the set injection pressure
- Inadmissible exceeding of the mixing ratio

### DESOI w.i.l.m.a. documents

- Material consumption per packer
- Injection pressure per packer
- Injection duration per packer
- Order of injections
- Re-injections
- Date and time of injection

### DESOI offers the following services

- Individual technical consulting
- Expert on-site instruction on the system

### Security for planners and owners

The DESOI w.i.l.m.a. technology ensures that the consumption rates and technical parameters as defined by project engineers are permanently monitored and maintained, e.g. with regard to mixing ratio and injection pressure. The systems provided are reliable, robust, and proven on thousands of construction sites around the world, guaranteeing both safety and an exceptional level of injection quality. Systems can be pre-configured in accordance with project and application requirements.



Control cabinet with tablet

### Technical data - control cabinet

|  |                          |
|--|--------------------------|
| Supply voltage (adjustable ex works)                 | 110 - 230 V / 0,5 Ampere |
| Storage type   | digitally on tablet      |
| Data transfer  | WLAN                     |
| Measuring range - volume (depending on the sensor)   | max. 100 l/min           |
| Measuring range - pressure (depending on the sensor) | max. 250 bar*            |
| Measurement accuracy                                 | ± 2 % v ME               |
| Weight - control cabinet                             | 8,62 kg                  |
| Weight - tablet                                      | 0,68 kg                  |
| L x W x H - control cabinet                          | 30 x 19 x 33 cm          |
| L x W x H - tablet                                   | 22 x 14,5 x 2 cm         |

### Technical data - tablet

|                 |                     |
|-----------------|---------------------|
| Storage type    | digitally on tablet |
| Hard disk space | 64 GB               |
| Data transfer   | WLAN                |

\* 1 bar = 105 Pa. (Pascal)