

DESOI w.i.l.m.a. - AY

No. 14290

Description

The combination DESOI w.i.l.m.a. and DESOI AirPower M35-3C VA is ideal for injection work with acrylic gel. The piston pump achieves a delivery rate of max. 13 l/min at a mixing ratio of 1 : 1 and is equipped with a separate rinsing pump. The sealing sets inside are protected by an integrated spring pre-tensioned, manual re-tensioning is not necessary. DESOI w.i.l.m.a. monitors and documents the material consumption, the injection pressure and the mixing ratio.

Material to be used

- Acrylate gel

Delivery range

DESOI AirPower M35-3C VA: moving device, 1.2 m suction system Ø 20 mm with suction basket Ø 100 mm: component A and B: black, 2 x manometer 0 - 250 bar, rising pump S25, 1.2 m suction system Ø 13 mm with suction basket Ø 40 mm: black, material hose connection: component A: external thread M16x1,5; component B: external thread M14x1,5; rinsing connection: external thread M12x1,5; return hoses Ø 8 mm: transparent, air connection: air plug NW 7.2, DESOI w.i.l.m.a.: control cabinet with integrated control, 10 m supply cable, on/off switch, control lamp, 2 x flow sensor, pressure sensor, impact resistant and waterproof CATERPILLAR (up to 1 m): T20 Tablet with Windows 10, incl. instruction manual

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
- All parts in contact with material are made of stainless steel

The system can switch off automatically at

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



1. Flow sensors

2. Pressure regulator with manometer and anti-freeze device

Technical data

Working pressure - infinitely variable	5 - 120 bar
Delivery rate	
- with air performance of 0,7 m ³ /min (2 x compressor DESOI R400)	max. 10 l/min
- with air performance of 1.3 m ³ /min	max. 13 l/min
Air consumption	min. 0,5 m ³ /min
Transmission ratio	1 : 15
Mixing ratio	1 : 1
Air pressure	max. 8 bar
Weight - control cabinet	8,62 kg
Weight - tablet	0,68 kg
Weight	85 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	77 x 55 x 112 cm

Rinsing pump

Working pressure - infinitely variable	7 - 220 bar
Delivery rate	5 l/min
Transmission ratio	1 : 28

Accessories

Accessories	No.
Set of spare and wear parts DESOI w.i.l.m.a. - AY	14290-EVS
Set of tools DESOI w.i.l.m.a. - AY	14290-WS

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All information and data in this technical data sheet are based on the current state of technology. We reserve the right to make technical modifications. The consumption data given here are average values based on experience therefore deviations cannot be excluded. 11/2020

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

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

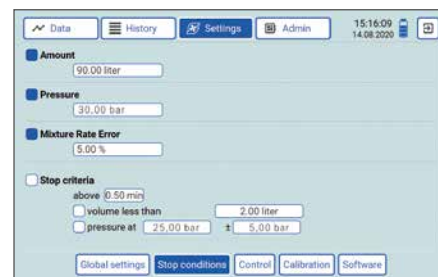
- Material consumption per packer
- Injection pressure per packer
- Injection duration per packer
- Order of injections
- Re-injections
- Date and time of injection

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)