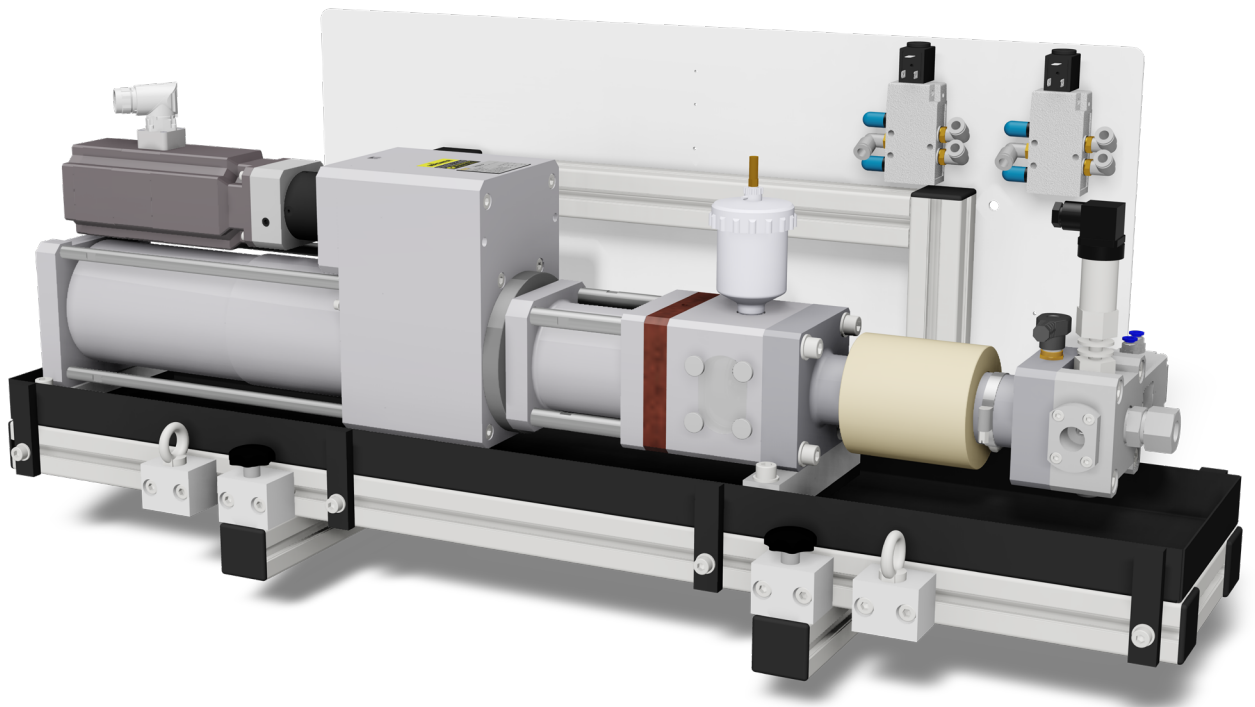


Precision dosing systems - One dosing unit individual applications!



- **Suitable for high viscosity materials**
- **Volumetric piston dosing unit**
- **Compatible with various feeding systems**
- **Single and tandem version**

Vecdos eOne 150 HM

The Reinhardt-Technik Vecdos eOne-technology was especially developed to process highly viscous, PUR hotmelt and butyl adhesives that bond with liquid materials.

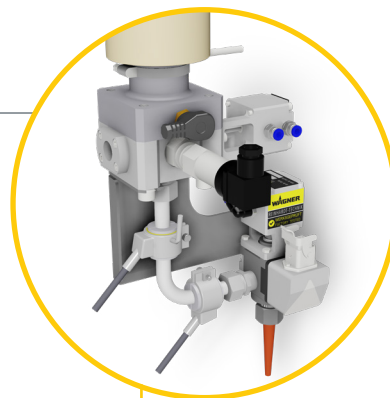
The system is based on volumetric piston metering units and works perfectly in combination with the Reinhardt-Technik Warm Melt and Visco Star double-acting scoop piston pump feeding systems. It can also be integrated into other systems.

The system can be configured as a single unit or tandem version. It allows uninterrupted production even at very high output rates.

The design is based on easy operation, convenient cleaning and simple maintenance.

YOUR BENEFITS

- Graphic touch panel provides clear overview of the system status
- Servo electric drive
- Low power consumption
- Low noise levels
- Dynamic modification of the output rate
- Full use of the robot power
- Short cycle times possible
- No change of operating materials necessary
- Easy maintenance



Application head



OPTIONS

- Nozzle station
- Feeding system Warm Melt oder Visco Star
- Interfaces profibus or profinet coupler



heated nozzle station

Vecdos eOne 150 HM

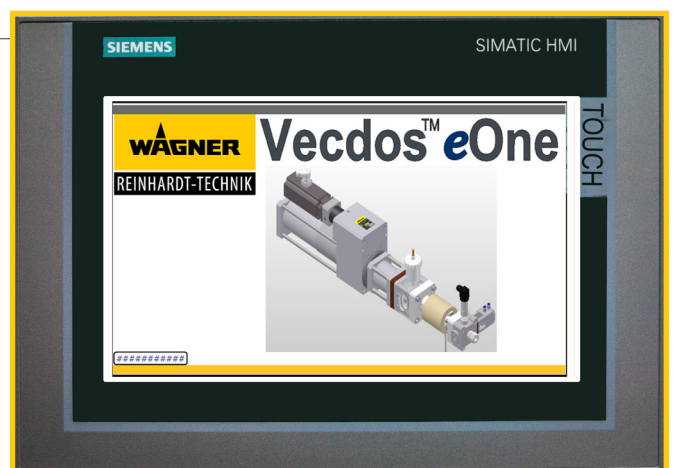
DATA AND FACTS

measurements	Length	Width	Height
dosing unit Single	970 mm	275 mm	207 mm
weight	44 kg		
max. dosing volume (usable volume)	140 ccm		
min. dosing volume (5mm Hub)	4,8 ccm		
nominal volume	154 ccm		
theoretical dosing accuracy	%		
theoretical output	1480ccm/min		
theor. filling time at 3000 1/min	5,7 sec		
theor. filling time at 6000 1/min	2,9 sec		
metering stroke	145 mm		
min. metering time	0,5 cm/min		
min. dosing duration (full stroke)	5,7 sec		
max. feeding pressure	300 bar		
min. feeding pressure	5 bar		
max. operating pressure	250 bar (300 bar possible for a short time)		
max. operating temperature	165°		
viscosity range	1-10.000.000 mPas		
operating voltage	400 VAC 3/N/PE / 50/60 Hz		
	other operating voltages on request		

■ *dependent on various factors, e.g. material material properties and other process parameters

CONTROL SYSTEM

- intuitive SPS control
- Overview touch panel display
- Precise control of pressures and output rates



Feeding systems

Warm Melt 800

YOUR BENEFITS

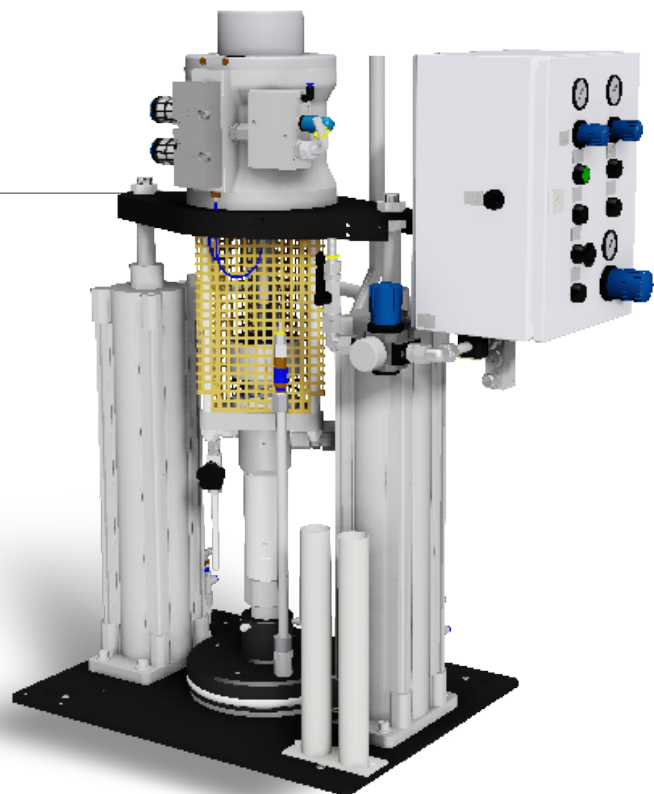
- Heated feeding system
- No material waste
- Single and tandem version available



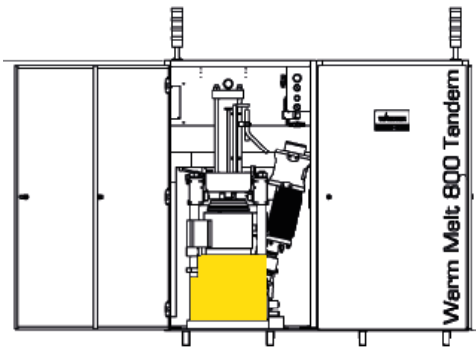
Visco Star 20

YOUR BENEFITS

- Heated or unheated feeding system
- Pneumatic system
- Cost-effective
- Single and tandem version available

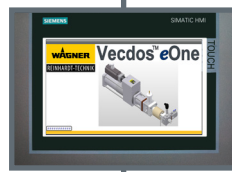


Material flow diagram



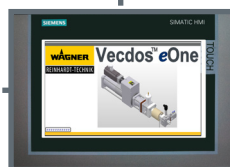
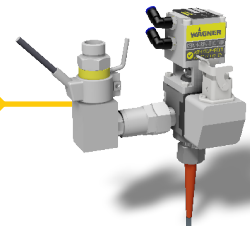
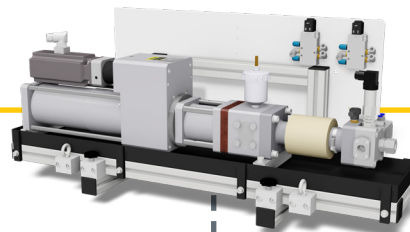
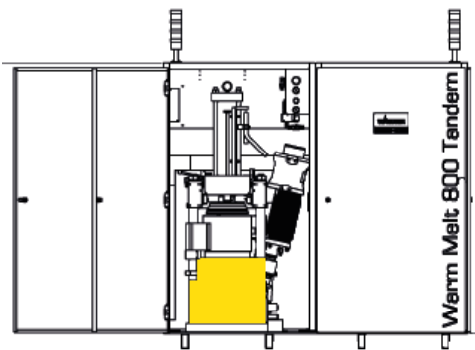
1. CONFIGURATION

- 1x feeding system Warm Melt Tandem
- Heating hose between feeding unit and dosing unit
- 1x Vecdos eOne 150 HM
- Application unit installed on the dosing unit
- Control cabinet Siemens HMI and CPU



2. CONFIGURATION

- 1x feeding system Warm Melt Tandem
- Heating hose between feeding unit and dosing unit
- 1x Vecdos eOne 150 HM
- Heating hose between dosing unit and application unit
- Application unit
- Optional: nozzle station
- Control cabinet Siemens HMI and CPU





YOUR PARTNER FOR RELIABLE
PROCESS SOLUTIONS IN

**BONDING, SEALING,
CASTING AND MORE ...**