

A220

Feeding of highly viscous pastes

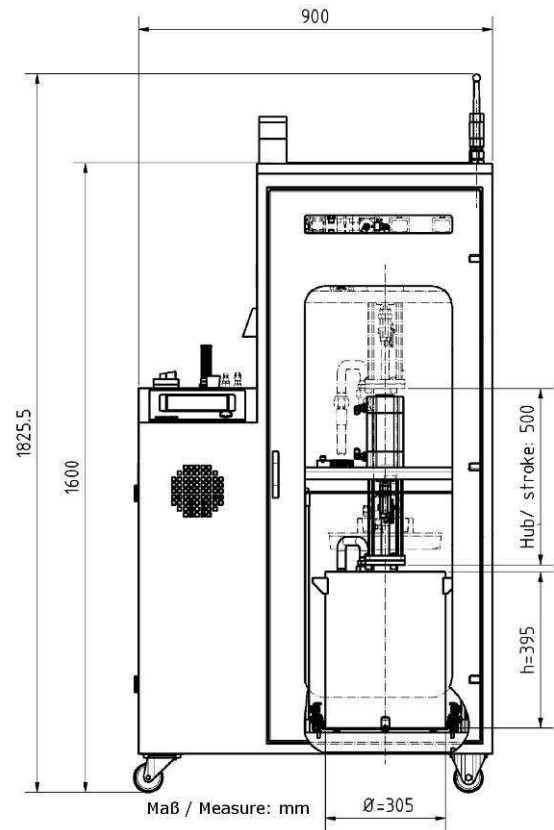
The A220 is a feeding system for highly viscous dispense materials. In the A220, a robust scooping piston pump feeds the material into the system. The comfortable SCP200 touch screen display allows easy control of the dispensing process.

For handling of:

high viscous 1C or 2C materials like sealants, adhesives, greases and much more.

Area of application:

For applying sealant and adhesive beads, as well as insulating materials (dam and fill application).



A220 1C



A220 2C

Basic equipment and options

Design, Technique and Functions per component
Movable sheet frame coloured in RAL 9002 - loading door with inspection glass; door security by safety switch - maintenance access, rear side bolt together
Loading rack with barrel centering device to align the pail(s) below the pump unit
Pneumatic pump lift unit with centering device for Vacuum Barrel Follower Plate, to ensure a smooth docking process to the pail
Electro-pneumatic regulator to control the surface pressure
Electro-pneumatic regulator to regulate the delivery pressure
Linear measuring system to monitor and check the filling level
Vacuum system to evacuate the air cushion between the Vacuum Barrel Follower Plate and the material surface during the docking process
Reciprocating piston pump for <u>non abrasive</u> , pasty dispensing materials
Stopcock for material hose(s)
High pressure material hose up to metering unit
Control
Scheugenpflug Control Panel 200 with full graphic touch screen and integrated USB-connection
Control of all steps during production process - docking process - material supply - monitoring functions (like filling level) - metering unit
Operator display language switchable "on the fly"
Operator display language
German, English freely selectable
other languages available on request

Basic equipment and options

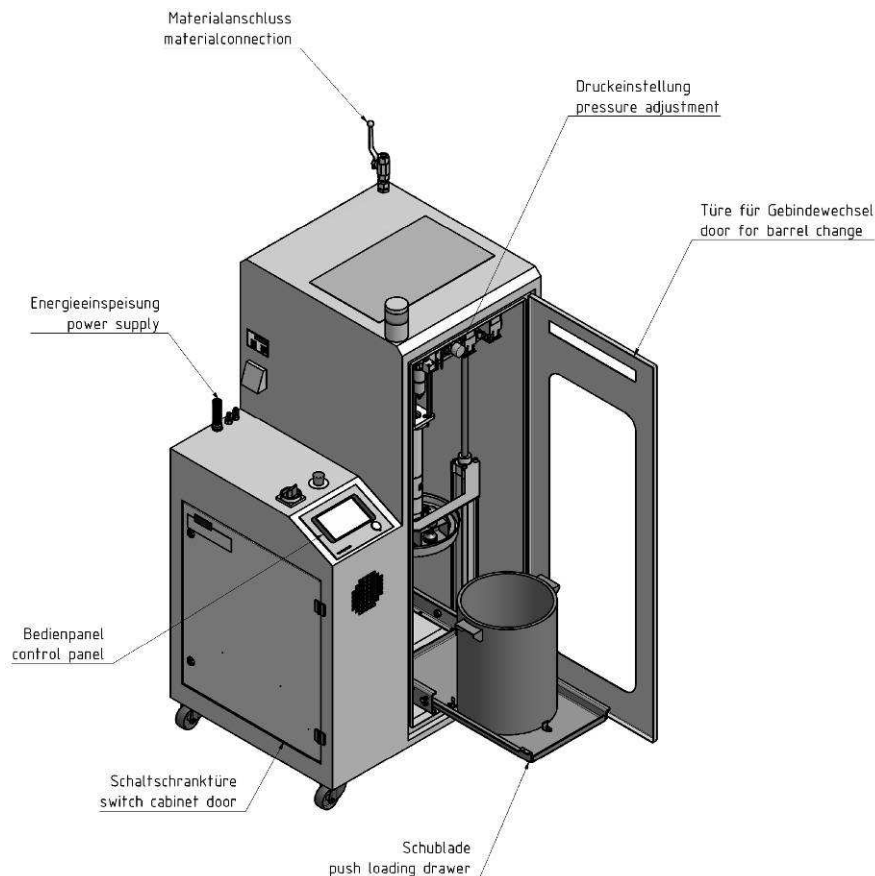
Accessories (optionally available)
Air conditioner
Scanner Barcode 1D-Code / 2D-Data Matrix-code for pail monitoring
Dos Module to control a Dos Pxxx-C/xx or a Dos GP metering unit via Scheugenpflug Control Panel 200
External control for communication to a higher level system
Automatic program selection ¹ for communication to a higher level system in association with a metering unit

Combination possibilities (optionally available)
Dos Pxxx-C/xx - series (Piston metering system)
Dos GP (Gear Pump metering head)
CNCell Systems

Caption:

¹ only in conjunction with a Dos module

subject to engineering changes



Technical Data

dimension data		1C	2C
width	mm	900	1500
height incl. signal lamp (1 colour, red) and hose connection	mm	1850	1850
depth	mm	700	700
swivelling range front door	mm	530	530
swivelling range cabinet door (left side)	mm	600	600
wheel diameter	mm	80	80
ground clearance	mm	100	100
weight without pail (approx.)	kg	200	330

connecting data		1C	2C
compressed air	bar	6	
max. compressed air consumption	l/min	150	300
power supply		400V 3PE, AC 50-60Hz	
connection load	kW	max. 0,6	max. 0,9

loading and docking per component		
pail, inner diameter	mm	285
pail, outer diameter (base)	mm	305
pail, outer diameter (top)	mm	365
pail, maximum height	mm	420
pail, maximum filling level	mm	upper edge pail - 60mm
Linear measuring system, measuring range	mm	500
Linear measuring system, accuracy	mm	1

material feeding		
reciprocating piston pump		
- stroke	mm	55
- feeding volume per stroke	cm ³	30
material feeding pressure		
- working pressure, (at 6 bar) max.	bar	100
- system pressure (at 6 bar) pneumatic max.	bar	140

length material feeding tube ¹						
high pressure material hose	mm	2000	3000	4000	5000	6000

Caption:

¹ other lengths on request, depending on material viscosity, length and diameter of the material tubes

Subject to engineering changes