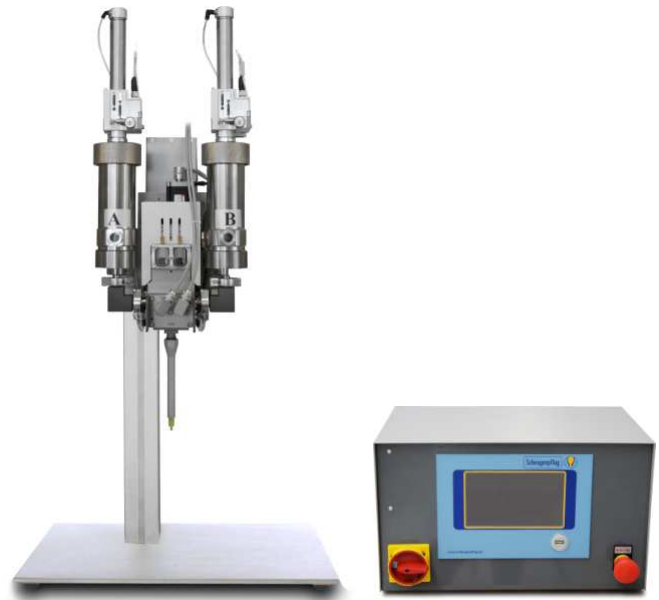


The Dos A90 with SCP200 switch cabinet is a feeding and metering unit for industrial dispensing materials.

The basic version is a manual work station consisting of a feeding system (e.g. ejection unit for cartridges, pressure tanks or a small barrel follower plate), dispenser control and dispenser with table top stand.

- ✓ Compact
- ✓ Simple operation
- ✓ Accurate dispensing



Dos A90 + SCP200 (switch cabinet)



Dos A90 B (with Booster) + SCP200 (switch cabinet)

Basic feeding equipment and options

material delivery A90⁻¹	
Cartridge ejection unit A90 Co6/12/20/32/EU	○
Pressure tank A90 T	●
pressure-booster A90 B	○
Barrel follower plate pump for small barrels	☑
filling level monitoring	
piston rod monitoring for A90 Co6/12/20/32/EU	○
rod sensor, signal analog, for pressure tank	○
material connection	
small flange connection for cartridge	○
stop valve for material tube	○
steel mesh hose, until the metering unit	
supplies	
moisture absorbers for compressed air	○
control unit / operator control panel	
SCP200 switch cabinet	●
Scheugenpflug control panel with full- graphics touch- screen display and integrated USB connection	
control unit / software	
SCP200	●
operator language	
german, english	●
others	☑

PRODUCT DATASHEET



Manual Work Station for Atmospheric-Pressure Dispensing Dos A90

metering system ¹	
piston metering unit Dos P	•

supplies – metering system ⁽¹⁾	
table top stand for metering unit, aluminium – profile design	•
- linear unit and handwheel for height adjustment	○
- base plate (e.g. for control SCP200)	•
metering head heating for piston metering unit	○
mixing tube heating	○
foot switch	•

upgrades and extensibilities	
z nd metering system	○
flexible linear system / handling device	○

documentation operators / maintenance manual, spare / wearing parts list	
german, english	•
others	◻

Legend

- = Not available
- Basic equipment
- Alternative equipment
- ◻ On request

⁽¹⁾ Equipment and options see related data sheet

Subject to technical alterations



Technical Data

dimensions - pressure tank		MDG 6	MDG 12	MDG 24	MDG 45	MDG 60
outer diameter	mm	220	320	320	440	440
inner diameter	mm	155	240	240	355	355
height approx.	mm	400	470	720	670	820
container volume	l	6	12	24	45	60

dimensions - cartridge support		Semco 6 oz	Semco 12 oz	Semco 20 oz	Euro
diameter	mm	68	68	100	82
length	mm	419	703	574	557
cartridge volume	ml	180	340	610	310

follower plates for small can		1 Kg	3 Kg	5 Kg
diameter	mm	113,5	172	*

material tube length		1000	2000	3000	4000
steel mesh hose inner - Ø	mm	6	6	6	6
steel mesh hose inner - Ø	mm	8	8	8	8
steel mesh hose inner - Ø	mm	10	10	10	10
steel mesh hose inner - Ø	mm	12	12	12	12
steel mesh hose inner - Ø	mm	16	16	16	16

Caption

- = Not available
- Basic equipment
- Alternative equipment
- On request
- 1 Equipment and options see related data sheet

Subject to engineering changes

Dos A220 for feeding and metering of highly viscous respectively pasty materials

The basic version is a manual work station consisting of a material feeding with an integrated controller and a dispenser with stand.

- ✓ Combinable with any Scheugenpflug dispensing system, e.g. Dos P – series or Dos GP - series
- ✓ Optimized interfaces for a quick connection of the corresponding dispensing system
- ✓ Comfortable and quick generation of dispensing programs via the SCP200 controller
- ✓ Intuitive graphical operator guidance, based on ISO 9241, for a quick and easy parameterisation and controlling the Dos A220 with:
 - One level for all relevant parameters
 - CEL (Chronological Event List)
 - AML (Alarm Message List)



A220 1C



Dos A220 2C

Basic equipment and options

material feeding A220¹	
material feeding for paste-like dispensing materials	•
- A220 1 component	○
- A220 2 components	○
control unit / operator control panel	
Scheugenpflug Control Panel 200 with full graphics touch display and integrated USB - port	•
control unit / software	
Scheugenpflug Control Panel 200	•
operator language	
german, english	•
others	☐
metering system¹	
piston metering unit	○
gear pump metering unit	○
supplies – metering system¹	
table top stand for metering unit, aluminium – profile design	○
foot switch	○
upgrades and extensibilities	
manual handling unit / flexible linear system	○
integration into an Inline-system	☐
integration into an industry robot – handling system	☐
documentation operators / maintenance manual, spare / wearing parts list	
german, english	•
others	☐

Legend

- = Not available
- Basic equipment
- Alternative equipment

- ☐ On request
- ⁽¹⁾ Equipment and options see relative data sheet

Subject to technical alterations

Dos A280 for the feeding and the metering of heat conductive respectively very abrasive dispensing materials

The basic version is a hand-work place consisting of a material feeding with an integrated control and a dispenser with stand.

- ✓ Combinable with any Scheugenpflug dispensing system of the Dos P-series
- ✓ Optimized interfaces for a quick connection of the corresponding dispensing system
- ✓ Compatible material feeding unit and dispensing unit
- ✓ Boost of process safety by means of the inlet valve monitoring
- ✓ Comfortable and quick generation of dispensing programs via the SCP200 controller
- ✓ Intuitive graphical operator guidance, based on ISO 9241, for a quick and easy parameterisation and controlling the Dos A280 with:
 - One level for all relevant parameters
 - CEL (Chronological Event List)
 - AML (Alarm Message List)



Basic equipment and options

material feeding A280⁻¹	
material feeding for paste-like, high abrasive dispensing materials	•
- A280 1 component	○
- A280 2 components	○
control unit / operator control panel	
Scheugenpflug Control Panel 200 with full graphics touch display and integrated USB-port	•
control unit / software	
Scheugenpflug Control Panel 200	•
operator language	
German, English	•
others	☒
metering system⁻¹	
piston metering unit incl. inlet valve monitoring	•
supplies – metering system⁻¹	
table top stand for metering unit, aluminium-profile design	○
foot switch	○
upgrades and extensibilities	
manual handling unit / flexible linear system	○
integration into an Inline-system	☒
integration into an industry robot-handling system	☒
documentation operators / maintenance manual, spare / wearing parts list	
German, English	•
others	☒

Legend

- = Not available
- Basic equipment
- Alternative equipment

- ☒ On request
- (¹) Equipment and options see relative data sheet

Subject to technical alterations



Manual Work Station for Atmospheric-Pressure Dispensing Dos A310

Dos A310 – precision dispensing system for the handling of fluid, self-levelling, highly filled and abrasive materials for a wide range of industrial applications.

The basic version is a manual work station consisting of a material feeding with an integrated controller and a dispenser with stand.

✓ **Material preparation**

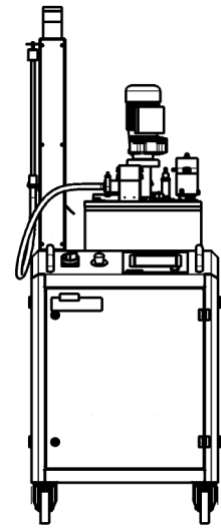
- vacuum – degassing
- vacuum – homogenisation
- vacuum – tempering
- vacuum – material circulation

✓ **Metering**

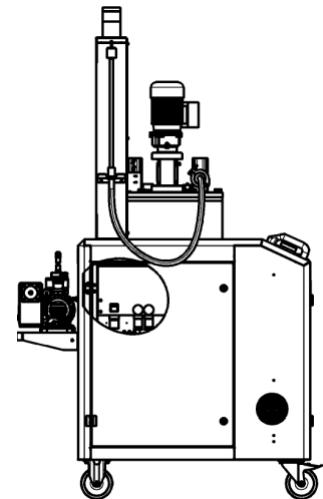
- exact mix ratio
- exact metering volume
- programmable metering flow rate
- programmable metering quantity

✓ **Automation**

- flexibly upgradeable
- flexibly integrateable



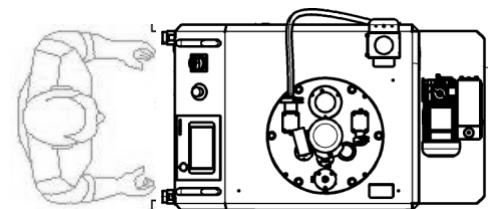
Front view



side view



Dos A310



bird's eye view

Basic Equipment and options

Dos A310	
material preparation and feeding A310⁽¹⁾	
Material preparation and feeding for self-levelling materials	●
- A310 1 component	○
- A310 2 components	○
control unit / operator control panel / software	
Scheugenpflug Control Panel 200 with full graphics touch display and integrated USB - port	●
operator language	
german, english	●
chinese	○
others	☐
metering system⁽¹⁾	
piston metering unit	○
gear pump metering unit (combinable only with 1 component system)	○
supplies – metering system⁽¹⁾	
table top stand for metering unit, aluminium – profile design	●
- linear unit and hand wheel for height adjustment	○
metering head heating for piston metering unit	○
mixing tube heating	○
foot switch	○
upgrades and extensibilities	
2 nd metering system	○
flexible linear system / handling unit (for metering head)	○
vacuum dispensing system	○
CNCell	○
integration into an In-line-system	○
integration into an industry robot – handling system	○
documentation operators / maintenance manual, spare / wearing parts list	
german, english	●
chinese	○
others	☐

caption

-
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- ☐

-1

subject on engineering changes

● Basic equipment
○ Alternative equipment
☐ On request
Equipment and options see related data sheet