

dos feed H

material feeding
with maximum
material efficiency.

For abrasive and non-abrasive materials from 70,000 mPa·s.



dosmatix.com/en/dos-feed-h



maximum material efficiency

- Best material utilization up to 99.6 %
- Significant reduction of material waste through the use of an innovative blister following plate
- Compensation of different hobcock diameters (up to 20 mm)

maximum process reliability

- Bubble-free material feed by degasser
- Sensor-supported monitoring of all process critical production steps
- Reduction of downtimes

intelligent plant sensors

- Exact determination of the current fill level
- Automatic detection of disturbances, irregularities, wear and leaks
- Self-regulating pump speed for best pumping performance

pump selection by requirement

- Can be fitted with two alternative pumps
- Continuous, uninterrupted material feeding
- Maximum feeding performance even for highly viscous and abrasive materials

the innovations of dos feed H



Modular pump concept

dos feed H is optionally equipped with different pumps depending on the requirements:

1. **Vertical piston pumps** for abrasive and non-abrasive materials (up to 35 bar, viscosity up to 500,000 mPa·s).
2. Powerful **scoop piston pumps** for non-abrasive materials (up to 80 bar, viscosity up to 3 mio mPa·s).

The pumps work on both strokes and thus ensure maximal material transport.

Unique blister technology

dosmatix reduces material waste with an innovative disposable blister. The cost-effective docking plate provides a perfect seal to the container rim and allows the use of different sizes with up to 20 mm tolerance in diameter.

dosmatix degasser dos ventup

For maximum process reliability, the dos ventup eliminates air inclusions in the potting medium.

Robust sensors and intelligent software

Process parameters are independently defined and set. Self-calibration of the pump speed enables fully automatic setting of the feed pump.

Intelligent software eliminates downtimes caused by pressure deviations.

Optional functions:

Intelligent camera monitoring

A flushing liquid monitor reports contamination or leaks inside the system and enables downtimes to be reduced.

technical data

Pump type	Scoop piston pump	Vertical piston pump
Hobcock size (nominal volume)	22 litres (ca. Ø287 x 380 mm)	22 litres (ca. Ø287 x 380 mm)
Feed volume	27 ml/stroke	250 ml/stroke
Vacuum level for degassing process	5 mbar	5 mbar
Electrical supply	230V AC (L-N-PE) / 16A	230V AC (L-N-PE) / 16A
Pneumatic supply	Constant 6 Bar, class 5 DIN ISO 8573-1	Constant 6 Bar, class 5 DIN ISO 8573-1
Dimensions (lxwxh)	1C: 110 x 79 x 175 mm	1C: 110 x 79 x 175 mm
	2C: 180 x 79 x 175 mm	2C: 180 x 79 x 175 mm
Weight	1C: ca. 470 kg	1C: ca. 470 kg
	2C: ca. 800 kg	2C: ca. 800 kg

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dosmatix navigator

