

# HSP 50s



## Drum pump for 50L barrels for pumping high viscosity materials

Extruder pumps available	ø25, ø35mm	Dimensions	
Material quantity	dependent on product up to 700 gr./min.	Length	740mm
		Width	670mm
		Height	1'350mm
Material pressure	up to 250bar	Weight	ca. 240kg
Motor power	1,5 - 2,2 - 3kW	Barrel diameter	360mm
Motor speed	20 - 300 min <sup>-1</sup>	Barrel height	650mm
4 programmable heating zones			
• Follower plate	4,3kW		
• Pump	800 W		
• Material hose	150 W/m		
• Outlet valve	200 W		
Power requirement	400/230V50Hz 16A		
Air pressure	6bar		

**Seal & Coating AG**



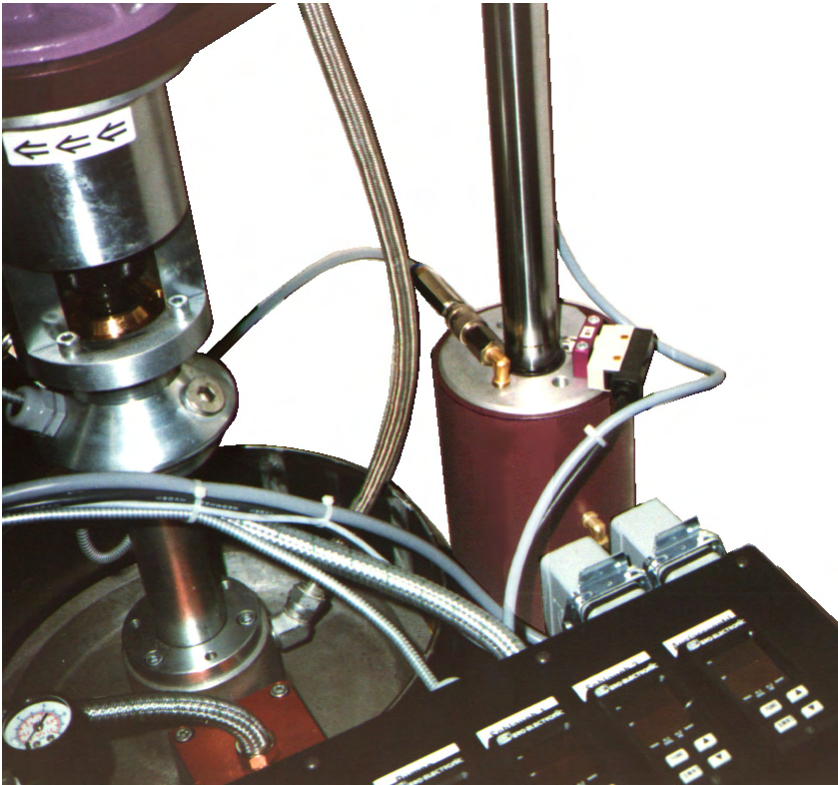
### Front panel with

- Main switch
- Control lamp "barrel empty"
- Switch pump "ON"
- Air pressure push button to blow up the follower plate from the empty barrel.
- Pneumatic lever switch for up / down movement of the follower plate
- Digital temperature controller



Elements on control box

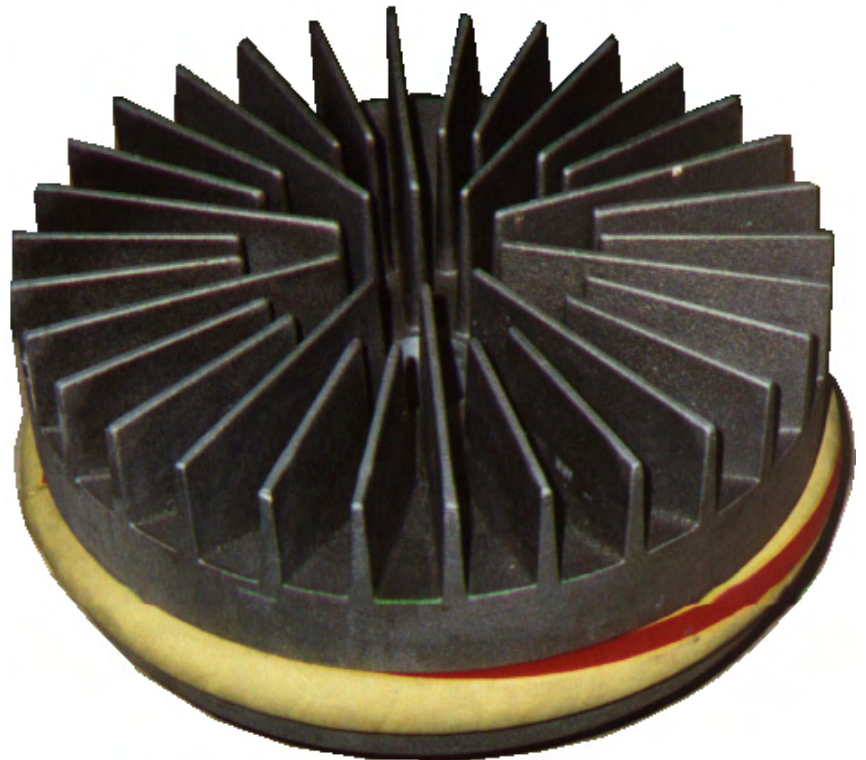




← End limit switch for the barrel empty control.

The barrel empty signals stop the pump after completing the running application.

Detail of the heating plate with the casted segments for melting the high viscosity materials.



# Start up of the drum pump



Put the lever of the pneumatic hand valve in the upper position and elevate the follower plate in the upper end position.

Open the ventilation plug.

⇐ Align the barrel under the follower plate.  
Put the lever of the pneumatic hand valve in the lower position and insert the follower plate in the barrel. When the materials flow out of the ventilation plug, you close the plug with the ventilation tube. The barrel is ventilated and the pump ready to start the work.