

Vacuum tanks

Produced entirely in Germany.
Robust and maintenance-compatible.



Bellaform has already delivered more than 500 vacuum tanks for extrusion systems around the world. The tanks are characterized by a robust and maintenance-compatible design, in which the vacuum is produced via Venturi nozzles. The vacuum tanks additionally have a water collection tank with control and pump that ensure that the cooling water is returned to the cooling system.



Bellaform offers two vacuum tanks for different product diameters each (25–50 mm). Both versions can be combined easily with any of our extrusion lines.

Your benefits:

- + Optimized diameter control:**
The extended 3.00 m trough ensures a longer retention time and more precise results
- + Plenty of space for working on the format set and calibration tool**
thanks to the extended movement range in the extrusion direction to 250 mm
- + Electrical temperature measurement and pressure monitoring of both chambers**
with data storage for analysis
- + Motorized longitudinal adjustment with integrated path measurement**
 - Position is shown on the display and saved
 - Vacuum tank automatically adjusts to recipe specifications
 - Manual fine adjustment possible and storable
 - Tank moves to end position during malfunctions/stops to prevent material jams
- + Extended collection area for “dripping material”**
thanks to enlarged front protrusion on the extrusion side
- + Speed-controlled water pump for the Venturi system**
 - Energy savings through demand-oriented vacuum generation
 - Reduced noise development
 - Constant vacuum even at low demand
- + Proven product diameter control**
via laser outside diameter measurement and vacuum control
- + Complete production data collection**

Vacuum tanks

Technical details:

	VT 40/II	VT 80/II
Max. product diameter (mm)	25	50
Number of chambers	2	2
Vacuum system	Venturi	Venturi
Pump output (kW)	2 x 2.2	3 x 2.2
Number of Venturi nozzles	2	2
Trough cross-section (mm)	200 x 200	300 x 300
Trough length (m)	3.0	3.0
Weight (kg)	410	480
Spray cooling (optional)	–	optional



Bellaform GmbH
Marie-Curie-Straße 14
55435 Gau-Algesheim
GERMANY

info@bellaform.com
Phone: +49 6725 91925-0
www.bellaform.com