

Accumulators VPS



TROESTER

EXCELLENCE IN EXTRUSION.

Accumulators VPS

Set-up times during drum changes, welding or separation of conductors and strands must not interrupt the continuous operation of the line. In addition, tension must be kept constant throughout the entire production process.

For that purpose TROESTER offers a series of vertical pneumatic accumulators to guarantee that these production requirements are met.

Design features of the pneumatic vertical accumulator VPS include precision guidance, light weight turn-round wheels and maintenance-free belts to achieve best operational characteristics. Excellent running smoothness, best damping characteristics and high dynamic responsiveness maximize the production quality.

TROESTER offers various accumulators with different wheel diameters and wide ranging storage capacities, in single and double wheel set design. The height and the capacity of the accumulator is limited by the available height of the building.

The upper wheel set is attached to a moving carriage which is lifted via pneumatic cylinder and a maintenance-free timing belt; the lower wheels are rigidly attached to the frame. A pneumatic cylinder generates the required line tension. This tension can be monitored on a manometer and set and adjusted by electro-magnetic pressure regulator on the accumulator's control station

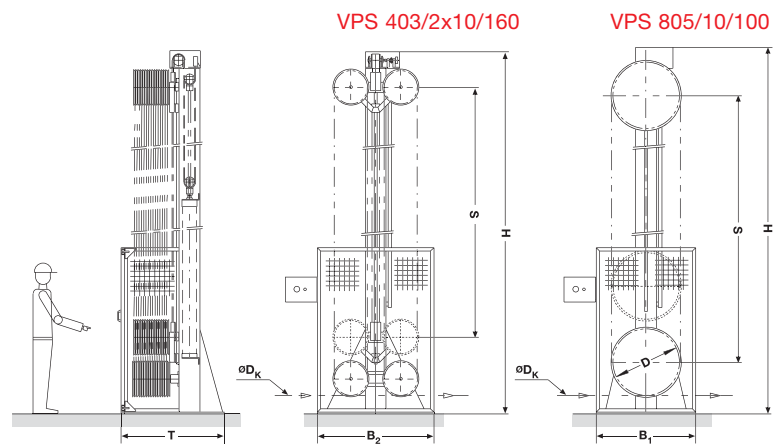
and/or an external control point. As an option the accumulator is fitted with a pneumatically operated clamping device to hold the conductor or cable during drum changes. Further options include a length measuring device and an indicator for the current filling level.

All TROESTER pneumatic vertical accumulators are equipped with the necessary safety features to satisfy applicable legal requirements.



Main Advantages of TROESTER vertical pneumatic accumulators VPS

- > High damping properties ensuring high running smoothness
- > Easy operation
- > Extremely maintenance friendly
- > Moving carriage driven by pneumatic cylinder and maintenance-free belt
- > Low dynamic weight
- > High safety standards



Technical Data

Type			VPS 315	VPS 400	VPS 500	VPS 630	VPS 800	VPS 1000	VPS 1250
max. Cable Diameter	d	mm	12,5	16	20	25	30	35	44
Drum Diameter	D	mm	315	400	500	630	800	1000	1250
Overall Height S = Accumulator Stroke Length	H	S = 3 m	mm	4250	4500	4750	5000	5250	5400
		S = 4 m	mm	5250	5500	5750	6000	6250	6400
		S = 5 m	mm	6250	6500	6750	7000	7250	7400
		S = 6 m	mm	7250	7500	7750	8000	8250	8400
Width	B ₁	mm	850	850	850	1200	1200	1600	1600
	B ₂	mm	1600	1600	1800	1800			
max. Depth	T	mm	1300	1300	1300	1300	1500	1500	1500
No. of Reversing Wheels	N	3 – 10	✓	✓	✓	✓	✓	✓	
		11 – 16	✓	✓	✓				
		2x6 – 2x10	✓	✓	✓	✓			
		2x11 – 2x16	✓	✓	✓				

Accumulator Capacity [m]: $2 \times N \times S$

All dimensions are guide lines. Differences are possible.

Other sizes and various accumulator stroke lengths on request.

