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Double-Chamber Vacuum Spray Tank

Double-chamber vacuum spray tanks are used for calibrating and cooling of PVC pipes in vacuum.

Double-chamber vacuum spray tanks, made of stainless steel (V2A), stand for their practice-oriented construction and solid manufacture. The generous dimensioning of the pumps guarantees a quick start-up of the line.

Standard

- tank stainless steel (V2A)
- 2 powerful vacuum pumps
- 2 water circulation pumps
- motordriven longitudinal adjustment and rails
- water level control system
- display of filter soiling by manometer
- water temperature control by thermostatic valves with sliding water exchange
- water filter in the mainline with a surface of 1100 cm² and 500 µm mesh width (manual backflashing)
- by-pass filter for maintenance during operation
- glycerine filled manometer for the fine pressure adjustment
- noiseless air-charging valve
- spray pipe V2A
- height and side adjustment
- collective drain 2"
- water tap 1 + 1 1/2 "

Options

- pipe support
 - pipe support rollers with central height adjustment
 - plug-in rollers
 - support disks per dimension
- spray nozzles adjustment
- elongated connecting cable
- pipe sealings for each pipe diameter
- connecting pipe between 1st and 2nd vacuum tank
- stainless steel quick spanner for adapter and pipe sealings
- 1st chamber can also be used as full bath
- calibration sleeve mounting tool
- water regulation unit

Complete extrusion line

- The DVK double-chamber vacuum spray tank is one component of a complete pipe extrusion line offered by Theysohn Extrusionstechnik consisting of
- CON/TTS/TTM twin-screw extruder
 - RK pipe head
 - DVK double-chamber/VK vacuum spray tank
 - SB spray bath

- RAE belt-/RA multiple caterpillar haul-off
- TRS planetary saw
- Socket forming machine
- Tip table

Technical Data				Pipe diameter		Water circulation pump*		Vacuum pump* power kW		Spray pipes number	Spray nozzles number		
	Length	chamber		Standard (mm)	Spray pipe adjustm. (mm)	chamber		chamber				chamber	
		1	2			1	2	1	2			1	2
DVK 63	6 m	1 m	5 m	10 - 63	-	1 x 4	1 x 4	1 x 0.8	1 x 1.5	4	40	88	
	8 m	1 m	7 m			1 x 4	1 x 4	1 x 0.8	1 x 1.5		40	124	
	10 m	1 m	9 m			1 x 4	1 x 5.5	1 x 0.8	1 x 2.2		40	160	
DVK 110	6 m	1 m	5 m	25 - 110	-	1 x 4	1 x 4	1 x 0.8	1 x 1.5	4	40	88	
	8 m	1 m	7 m			1 x 4	1 x 4	1 x 0.8	1 x 1.5		40	124	
	10 m	1 m	9 m			1 x 4	5.5	1 x 0.8	1 x 2.2		40	160	
DVK 160	6 m	1.5 m	4.5 m	32 - 160	-	1 x 4	1 x 4	1 x 0.8	1 x 1.5	4	48	80	
	8 m	1.5 m	6.5 m			1 x 4	1 x 4	1 x 0.8	1 x 1.5		48	116	
	10 m	1.5 m	8.5 m			1 x 4	1 x 5.5	1 x 0.8	1 x 2.2		48	152	
DVK 225	6 m	1.5 m	4.5 m	50 - 225	-	1 x 4	1 x 4	1 x 0.8	1 x 2.2	4	48	80	
	8 m	1.5 m	6.5 m			1 x 4	1 x 4	1 x 0.8	1 x 2.2		48	116	
	10 m	1.5 m	8.5 m			1 x 4	1 x 5.5	1 x 0.8	1 x 3		48	152	
DVK 250	6 m	1.5 m	4.5 m	50 - 250	-	1 x 4	1 x 4	1 x 0.8	1 x 2.2	4	48	80	
	8 m	1.5 m	6.5 m			1 x 4	1 x 4	1 x 0.8	1 x 3		48	116	
	10 m	1.5 m	8.5 m			1 x 4	1 x 5.5	1 x 0.8	1 x 4		48	152	
DVK 315	6 m	1.5 m	4.5 m	75 - 315	-	1 x 4	1 x 5.5	1 x 1.5	1 x 2.2	4	48	80	
	8 m	1.5 m	6.5 m			1 x 4	1 x 7.5	1 x 1.5	1 x 3		48	116	
	10 m	1.5 m	8.5 m			1 x 4	1 x 7.5	1 x 1.5	1 x 4		48	152	
DVK 400	6 m	1.5 m	4.5 m	90 - 400	-	1 x 4	1 x 7.5	1 x 1.5	1 x 3	6	72	120	
	8 m	1.5 m	6.5 m			1 x 4	1 x 7.5	1 x 1.5	1 x 4		72	174	
	10 m	1.5 m	8.5 m			1 x 4	1 x 11	1 x 1.5	1 x 4		72	228	
DVK 500	6 m	1.5 m	4.5 m	100 - 500	-	1 x 4	1 x 7.5	1 x 1.5	1 x 4	6	72	120	
	8 m	1.5 m	6.5 m			1 x 4	1 x 7.5	1 x 1.5	2 x 3 **		72	174	
	10 m	1.5 m	8.5 m			1 x 4	1 x 11	1 x 1.5	2 x 3 **		72	228	
DVK 630	6 m	1.5 m	4.5 m	250 - 630	160 - 630	1 x 4	1 x 7.5	1 x 2.2	1 x 4	6	72	120	
	8 m	1.5 m	6.5 m			1 x 4	1 x 7.5	1 x 2.2	2 x 3 **		72	174	
	10 m	1.5 m	8.5 m			1 x 4	1 x 11	1 x 2.2	2 x 3 **		72	228	
DVK 800	6 m	1.5 m	4.5 m	500 - 800	250 - 800	1 x 5.5	1 x 7.5	1 x 3	2 x 3 **	8	96	160	
	8 m	1.5 m	6.5 m			1 x 5.5	1 x 11	1 x 3	2 x 4 **		96	232	
	10 m	1.5 m	8.5 m			1 x 5.5	2 x 7.5	1 x 3	2 x 4 **		96	300	

*) Datas at supply voltage 3x400+N+PE / 50Hz

**) with back-pressure valve



Pipe support with central height adjustment



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