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 THEYSOHN PHILOSOPHY



# Vacuum Spray Tank

## Application

Vacuum spray tanks are used for calibrating and cooling of PVC pipes in vacuum. 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)
- powerful vacuum pump
- water circulation pump
- 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 cm<sup>2</sup> 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

- additional socket for connecting downstream machinery
- 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 1<sup>st</sup> and 2<sup>nd</sup> vacuum tank
- stainless steel quick spanner for adapter and pipe sealings
- calibration sleeve mounting tool
- water regulation unit

## Complete Extrusion line

The VK 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

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Technical Data		Pipe diameter Standard (mm)	Pipe diameter Spray pipe adjustment (mm)	Water circulation pump* power kW	Vacuum pump* power kW	Spray pipes number	Spray nozzles number
Length							
VK 63	6 m	10 - 63	-	1 x 4	1 x 1.5	4	128
	8 m			1 x 5.5	1 x 2.2		164
	10 m			1 x 7.5	1 x 2.2		200
VK 110	6 m	25 - 110	-	1 x 4	1 x 1.5	4	128
	8 m			1 x 5.5	1 x 2.2		164
	10 m			1 x 7.5	1 x 2.2		200
VK 160	6 m	32 - 160	-	1 x 4	1 x 1.5	4	128
	8 m			1 x 5.5	1 x 2.2		164
	10 m			1 x 7.5	1 x 3		200
VK 225	6 m	50 - 225	-	1 x 4	1 x 2.2	4	128
	8 m			1 x 5.5	1 x 3		164
	10 m			1 x 7.5	1 x 3		200
VK 250	6 m	50 - 250	-	1 x 4	1 x 2.2	4	128
	8 m			1 x 5.5	1 x 3		164
	10 m			1 x 7.5	1 x 4		200
VK 315	6 m	75 - 315	-	1 x 7.5	1 x 3	4	128
	8 m			1 x 7.5	1 x 3		164
	10 m			1 x 7.5	1 x 4		200
VK 400	6 m	90 - 400	-	1 x 11	1 x 4	4	192
	8 m			1 x 11	1 x 4		246
	10 m			2 x 7.5	2 x 3		300
VK 500	6 m	100 - 500	-	1 x 11	1 x 4	6	192
	8 m			1 x 11	1x2.2 + 1x4 **		246
	10 m			2 x 7.5	2 x 4 **		300
VK 630	6 m	250 - 630	160 - 630	1 x 11	1x2.2 + 1x4 **	6	192
	8 m			1 x 11	1x2.2 + 1x4 **		246
	10 m			2 x 7.5	2 x 4 **		300
VK 800	6 m	500 - 800	250 - 800	1 x 11	2 x 4 **	8	256
	8 m			2 x 7.5	2 x 4 **		320
	10 m			2 x 7.5	2x3 + 1x4**		400

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

\*\*) with back-pressure valve



Pipe support with central height adjustment



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