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# OMNIA KT vacuum calibration table

## Application

The OMNIA KT vacuum calibration table by High Tech Extrusion has been specially developed for support of profile calibrators.

## Standard

- welded tubular steel construction base frame on wheels
- control device for the table functions and for the haul-off control
- motor driven horizontal adjustment
- calibrator support frame with motor driven height adjustment, vertical and lateral level adjustments by hand
- water manifold with quick disconnecting couplings
- 1 dry vacuum pump for first caliber
- 1 speed-controlled vacuum system with vacuum pump and water sucking pump for calibrators 2-4
- 1 speed-controlled vacuum system with side channel blower and water sucking pump for tank system
- water circulation pump with filter and by-pass
- water temperature and pressure monitoring
- stainless steel central reservoir for cooling water
- vacuum manifolds, each with its own pump and 5/8 quick disconnection couplings
- low maintenance design
- track system
- according to VDE and MSV

## Options

- profile support rollers
- open-air-dry system fan
- infrared heating element
- water suction pump
- vacuum alarm indicators
- marking device PP 170 Si
- heat radiators
- air blowers
- additional vacuum pump incl. manifold
- central water and vacuum connection without manifold
- operation terminal on swiveling arm
- pipeless connection system for tools

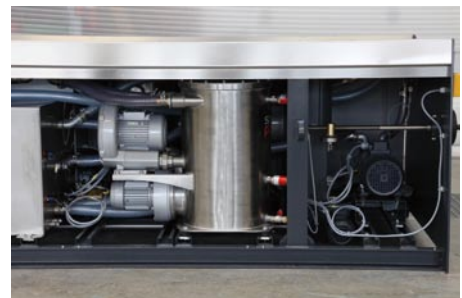
## Complete Line

The OMNIA KT vacuum calibration table is one component of the complete profile extrusion line offered by High Tech Extrusion consisting of:

- CON/TTS/TTM/OMNIA XTP twin-screw extruder
- OMNIA KT vacuum calibration table
- OMNIA RZ/GU Profile Haul-off/Guillotine
- OMNIA KI profile collection table



water circulation pump



vacuum pump system

# Technical Data

		OMNIA KT 4300	OMNIA KT 5700	OMNIA KT 7800	OMNIA KT 11500	OMNIA KT 15100
Length (A)	mm	4.353	5.797	7.963	11.573	15.183
Lengths of clamp table	mm	4.300	5.700	7.800	11.500	15.100
Vacuum pump for first dry caliber	kW	1.5	1.5	1.5	1.5	1.5
Capacity at 200 mbar	m³/h	45	45	45	45	45
Controlled vacuum system for dry caliber 2-4						
Vacuum pump - speed controlled	kW	1.5	1.5	1.5	1.5	1.5
Capacity at 200 mbar	m³/h	45	45	45	45	45
Water sucking pump	kW	0.5	0.5	0.5	0.5	0.5
Capacity	m³/h	9.6	9.6	9.6	9.6	9.6
Controlled vacuum system for water spray tank						
Side channel blower - speed controlled	kW	0.75	0.75	0.75	0.75	0.75
Capacity at 100 mbar	m³/h	75	75	75	75	75
Water sucking pump	kW	0.5	0.5	0.5	0.5	0.5
Capacity	m³/h	9.6	9.6	9.6	9.6	9.6
Maximum vacuum pumps		3	3	6	10	10
Water circulation pump	kW	4	4	4	4	4
Capacity	m³/h	24	24	24	24	24
Water filter / min. particle size	pc/mm	1/0.5	1/0.5	1/0.5	1/0.5	1/0.5
No. of water connections for dry calibrators	pc	6x3 / 4" ABA	6x3 / 4" ABA	10x3 / 4" ABA	14x3 / 4" ABA	14x3 / 4" ABA
No. of water connections for wet calibrators	pc	4x3 / 4" ABA	4x3 / 4" ABA	6x3 / 4" ABA	8x3 / 4" ABA	8x3 / 4" ABA
No. of vacuum connections for dry calibrators	pc	1 x 40 mm	1 x 40 mm	2 x 40 mm	3 x 40 mm	3 x 40 mm
No. of vacuum connections for wet calibrators	pc	4x3 / 4" ABA 2 x 40 mm	4x3 / 4" ABA 2 x 40 mm	8x3 / 4" ABA 4 x 40 mm	12x3 / 4" ABA 6 x 40 mm	12x3 / 4" ABA 6 x 40 mm
Electrical length adjustment	kW	1.1	1.1	1.1	1.1	1.1
Electrical height adjustment	kW	0.15	0.15	0.15	0.15	0.15
Water supply (min. 2 bar)	pc	1 x ø 50 mm	1 x ø 50 mm	1 x ø 50 mm	1 x ø 50 mm	1 x ø 50 mm
Water outlet	pc	1 x ø 110 mm	1 x ø 110 mm	1 x ø 110 mm	1 x ø 110 mm	1 x ø 110 mm
Total connected load (standard table)	kW	9.2	9.2	9.2	9.2	9.2
Weight (for standard execution)	kg	1450	1700	1950	2400	2850
Electric 3 x 400 V, 50 Hz, + 0, according to VDE and MSV						

