

TECHNICAL DATA

Sample Technical Data of the Z9 Immersion Cleaning System

The T9 is comprised of several consecutive immersion tanks, a drying chamber, and a separate vacuum chamber for cleaning and drying cylinder heads made of steel. The parts are handed over automatically to the individual chambers via a portal axis system. After placement, the baskets containing the parts are put into rotation. The system is equipped with ultrasound plates for removing clinging dirt. In the drying zone, the cylinder heads are pre-dried by a high-pressure fan and forwarded into the vacuum zone by a chain conveyor.

Machine specifications (circa values)

Length	Breadth	Height	Weight	Zones	Cycle Time
14,000 mm	4,600 mm	3,500 mm	45 t	7	24 pcs/h

Temperature of bath	Agent	Sound level
60 – 65° C (140-150 F)	alkaline	< 80 db(A)

Connections

Water intake	Compressed air	Electrical connections
60 – 90 PSI; R ½ “	60 - 90 PSI; R ¾ “	480V/3ph/60Hz

Cleaning areas

spray cleaning| immersion cleaning with ultrasonic | immersion-spraying| blow-off | vacuum drying

Cleaning

Tank capacity	Pump	Filter
530 Gallon	220 GPM @ 150 PSI	100 µm

Rinsing

Tank capacity	Pump
530 Gallon	220 GPM @ 150 PSI

Vacuum Drying

Vacuum Pump	
400 ft ³ /min	7.5 kW, 15 A