

# TECHNICAL DATA

MODEL	ELECTRIC	ONE / TWO	ZAMAK HOT CHAMBER	FX PREMIUM
TYPE OF VACUUM UNIT	Mobile 150 Controller / Peripheral	ONE 300 TWO 500	Mobile 300	Mobile 700 Mobile 950
TANK [l]	150	300 500	300	700 950
PUMP [m³/h]	25	40	40	63 100 (Also with model 700)
CHANNELS	Up to 3	1 2	2	2
TYPE OF DIE CAST PROJECT	Simple parts	Standard parts	All zinc parts	Complex and security parts
DCM [t]	Up to 600	Up to 800 Up to 1400	Up to 800	Up to 2200 Up to 3000
DIMENSIONS L X D X H [m]	1.05 x 0.4 x 1.15	0.7 x 0.7 x 1.8 0.9 x 1.0 x 1.8	1.2 x 0.59 x 1.43	0.9 x 1.3 x 1.5 0.9 x 1.3 x 1.9
INTERFACE	Potential free contacts	Potential free contacts	Potential free contacts Optional Profinet	Potential free contacts Optional Profinet
NUMBER OF VACUUM SENSORS	1	2 3	3	3
DATA MANAGEMENT	Internal log data	Internal log data	Data communication	Data communication
VACUUM MEASUREMENT IN THE TANK	OK	OK	OK	OK
ERROR DIAGNOSTIC DISPLAY	OK	OK	OK	OK
PRODUCTION DATA (INTERNAL STORAGE)	OK	OK	OK	OK
PRODUCTION DATA (EXPORT)	OK	OK	OK	OK
STANDBY MODE FOR ENERGY SAVING	OK	OK	OK	OK
EVACUATED AIR VOLUME	OK	/	OK	OK
COMPATIBLE WITH CHILL VENTS	OK	OK	OK	OK
COMPATIBLE WITH MECHANICAL VALVES		OK	OK	OK
VACUUM MEASUREMENT BY CHANNEL		OK	OK	OK
VACUUM PROCESS OVERVIEW		OK	OK	OK
REMOTE CONTROL PANEL		Option	OK (Option connection cables)	OK (Option connection cables)
CONTAMINATION CONTROL		OK	OK	OK
PROFILE CONTROL		OK	/	OK
VACUUM CURVE DISPLAY		OK	OK	OK
ANALOG CURVE DISPLAY ON DCM			Option	Option
LEAK DETECTION			OK	OK
REAL-TIME VACUUM CONTROL			OK	OK
EXTENDED LAYOUT			OK (Option connection cables and hoses)	OK (Option connection cables and hoses)
REMOTE ASSISTANCE (EWON)			Option	Option
ADVANCED COMMUNICATION PROCESSOR			Option, CP or OPC UA	Option, CP or OPC UA



MODEL	FACTORY VACUUM	ONE / TWO	ZAMAK	FX PREMIUM	MODULAR
TYPE OF VACUUM UNIT	Cell (Central + Factory Vacuum)	ONE Central TWO Central	Central	Central	Central
TANK [l]	1000 2000 3000 4000 and more	/	/	/	/
PUMP [m³/h]	1x/2x 100 1x/2x 160 1x/2x 200 1x/2x 250 1x/2x 300 and more	/	/	/	/
CHANNELS	All	1 2	2	2	Standard up to 6 Extended up to 18
TYPE OF DIE CAST PROJECT	All	Standard parts	Complex and security parts	Complex and security parts	Complex, security, structural parts and Giga casting
DCM [t]	All	All	All	All	All
DIMENSIONS L X D X H [m]		0.4 x 0.3 x 0.7	Main cabinet 0.5 x 0.5 x 0.21 Channel cabinet 0.4 x 0.5 x 0.21	Main cabinet 0.5 x 0.5 x 0.21 Channel cabinet 0.4 x 0.5 x 0.21	User cabinet 0.313 x 0.112 x 0.38 Standard main cabinet 0.8 x 0.3 x 1.0 Extended main cabinet 0.8 x 0.6 x 2.0 Channel cabinet 0.3055 x 0.3 x 1.05
INTERFACE		Potential free contacts	Potential free contacts Option Profinet	Potential free contacts Option Profinet	Option potential free contacts Option Profinet / Profibus / OPC UA
DATA MANAGEMENT		Internal log data	Data communication	Data communication	Data analysis and communication
VACUUM MEASUREMENT IN THE PIPELINE		OK	OK	OK	OK
ERROR DIAGNOSTICS		OK	OK	OK	OK
PRODUCTION DATA (INTERNAL STORAGE)		OK	OK	OK	OK
PRODUCTION DATA (EXPORT)		OK	OK	OK	OK
STANDBY MODE FOR ENERGY SAVING		OK	OK	OK	OK
VACUUM MEASUREMENT BY CHANNEL		OK	OK	OK	OK
VACUUM PROCESS OVERVIEW		OK	OK	OK	OK
REMOTE CONTROL PANEL		Optional	OK (Option connection cables)	OK (Option connection cables)	OK
VACUUM CURVE DISPLAY		OK	OK	OK	OK
CONTAMINATION CONTROL		OK	OK	OK	OK
PROFILE CONTROL		OK	/	OK	OK
COMPATIBLE WITH CHILL VENTS		OK	OK	OK	OK
COMPATIBLE WITH MECHANICAL VALVES		OK	OK	OK	OK
COMPATIBLE WITH HYDRAULIC VALVES			/	/	OK
EVACUATED AIR VOLUME			OK	OK	OK
LEAK DETECTION			OK	OK	OK
REAL-TIME VACUUM CONTROL			OK	OK	OK
ANALOG CURVE DISPLAY ON DCM			Option	Option	Option
REMOTE ASSISTANCE (EWON)			Option	Option	Option
ADVANCED COMMUNICATION PROCESSOR			Option, CP or OPC UA	Option, CP or OPC UA	Option, CP or OPC UA
INDUSTRY 4.0 (WITH WEB DASHBOARD)					Option
AIRFLOW / AIR VOLUME MEASUREMENT					Option
ID KEY					Option
PUMP MONITORING					Option
HUMIDITY CONTROL					Option
SIGNAL MODE WITHOUT TIMER					OK
STROKE MODE (WITH PISTON POSITION)					OK
INDEPENDENT CHANNELS					OK
PRESSURIZING					OK
VACUUM ON SHOOT SLEEVE					OK
VACUUM ON EJECTOR CASE					OK