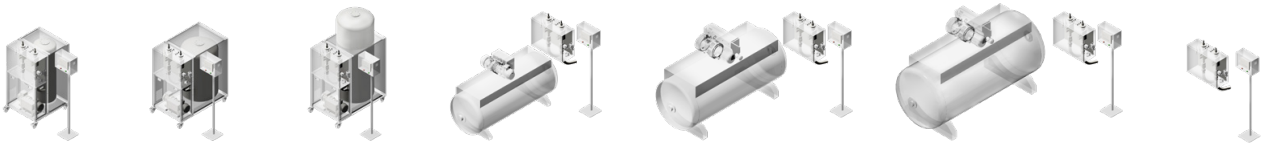
FONDAREX®
SWISS VACUUM TECHNOLOGY

TECHNICAL DATA: HIGHVAC PREMIUM 2C VACUUM SYSTEMS



200 500 800 1000 2000 3000 CENTRAL

	HIGHVAC PREMIUM 2C 200	HIGHVAC PREMIUM 2C 500	HIGHVAC PREMIUM 2C 800	HIGHVAC PREMIUM 2C 1000	HIGHVAC PREMIUM 2C 2000	HIGHVAC PREMIUM 2C 3000	HIGHVAC PREMIUM 2C CENTRAL
Die casting machine tonnage (t)	< 600 approx.	< 2000 approx.	< 3000 approx.	< 3000 approx.	< 4500 approx.	< 4500 approx.	all
VACUUM SYSTEM FRAME							
Mobile unit (on wheels)	▪	▪	▪	-	-	-	-
Frame and tank material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Vacuum tank capacity (l)	200	500	800	1000	2000	3000	-
Vacuum value in the tank (mbar)	1	1	1	1	1	1	-
External dimensions (mm) Width Depth Height	 800 900 1520	 800 1290 1520	 800 1290 2150	 2550 900 1450	 3000 1100 1800	 3150 1200 2020	 800 300 600
Weight (kg)	298	338	386	521	691	1030	81
VACUUM SYSTEM COMPONENTS							
Vacuum pump BUSCH Series RA (m^3/h)	1 x 25	1 x 40	1 x 63	1 x 100	1 x 160	1 x 160	-
Automation SIEMENS HMI PLC	 TP 900 - 9" S7 1500	 TP 900 - 9" S7 1500	 TP 900 - 9" S7 1500	 TP 900 - 9" S7 1500	 TP 900 - 9" S7 1500	 TP 900 - 9" S7 1500	 TP 900 - 9" S7 1500
Pneumatic system FESTO	▪	▪	▪	▪	▪	▪	▪
Number of vacuum channels	2	2	2	2	2	2	2
Evacuation section of vacuum channels (mm^2)	2 x 800	2 x 800	2 x 800	2 x 800	2 x 800	2 x 800	2 x 800
Vacuum regulation system	▪	▪	▪	▪	▪	▪	▪
Buffer tank	1 x 5 l at 6 bar	1 x 5 l at 6 bar	1 x 5 l at 6 bar	1 x 5 l at 6 bar	1 x 5 l at 6 bar	1 x 5 l at 6 bar	1 x 5 l at 6 bar
Language pack (English, German, French, Italian, Spanish, Portuguese, Swedish, Turkish, Polish, Czech, Romanian, Russian, Chinese, Japanese, Korean)	▪	▪	▪	▪	▪	▪	▪
VACUUM SYSTEM MONITORING AND MEASUREMENTS							
Vacuum measurements and monitoring per vacuum channel	▪	▪	▪	▪	▪	▪	▪
Illustration of the vacuum curve per vacuum channel	▪	▪	▪	▪	▪	▪	▪
Export and storage of vacuum curves on USB (Excel)	▪	▪	▪	▪	▪	▪	▪
Pollution control per vacuum channel	▪	▪	▪	▪	▪	▪	▪
Illustration of the pollution control curve per vacuum channel	▪	▪	▪	▪	▪	▪	▪
Profile control per vacuum channel	▪	▪	▪	▪	▪	▪	▪
Illustration of the profile control curve per vacuum channel	▪	▪	▪	▪	▪	▪	▪
Evacuated air volume measurement per shot	▪	▪	▪	▪	▪	▪	▪
Leak test (mold and shot sleeve)	▪	▪	▪	▪	▪	▪	▪
Settings: Internal storage of settings for individual projects/molds (no. of files) / External backup/restore of settings (Excel) via MMC/USB	50	50	50	50	50	50	50
Log data: Internal storage of production data (no. of cycles) / External backup of production data (Excel) via MMC/USB/Ethernet	1000	1000	1000	1000	1000	1000	1000
Control of all types of Fondarex SUPERVAC valves and CHILL-BLOCKS	▪	▪	▪	▪	▪	▪	▪
Control of all valves types (other brands)	▪	▪	▪	▪	▪	▪	▪
Standby mode	▪	▪	▪	▪	▪	▪	▪
Calibration of vacuum sensors	▪	▪	▪	▪	▪	▪	▪
Alarm management (process and maintenance)	▪	▪	▪	▪	▪	▪	▪
Error diagnostics display	▪	▪	▪	▪	▪	▪	▪
Recording of error log data	▪	▪	▪	▪	▪	▪	▪
Type of interface	Potential free contacts	Potential free contacts	Potential free contacts	Potential free contacts	Potential free contacts	Potential free contacts	Potential free contacts
VACUUM SYSTEM OPTIONS							
Pump upgrade (m^3/h)	1 x 40	1 x 63 / 1 x 100	1 x 100	2 x 100	2 x 160	2/3 x 160	-
Ethernet Pack	▪	▪	▪	▪	▪	▪	▪
HUMIDITY SENSOR	▪	▪	▪	▪	▪	▪	▪
PROFINET and/or PROFIBUS interface	▪	▪	▪	▪	▪	▪	▪

(subject to change)