



HIGHVAC



FONDAREX MODULAR





	THE WORLD'S MOST POPULAR VACUUM SYSTEM	MEET THE NEW GENERATION: TOTALLY MODULAR INDUSTRY 4.0 COMPLIANT
	 HIGHVAC	 FONDAREX MODULAR (In final development stages)
PRODUCT RANGE	Economy Progress Premium Ultimate	Modular configuration depending on the die cast cells and the projects. <ul style="list-style-type: none"> - Mobile / cell / central vacuum system - 2 / 4 / 6 independent vacuum channels - 300 / 750 / 1200 / 2000 / 3000 l tanks - 25 / 40 / 63 / 100 / 160 m³/h pumps
CONTROL POSSIBILITIES	Economy / Progress <ul style="list-style-type: none"> - Vacuum measurement in cavity - Vacuum measurement in tank - Pollution control of filter and hose - Profile control of vent 	Modular <ul style="list-style-type: none"> - Vacuum measurement in cavity - Constant vacuum measurement in tank - Reactive vacuum with the advanced vacuum unit close to the die (opt.) - Real-time vacuum regulation (opt.) - Pollution control of filter and hose - Profile control of vent - Evacuated air volume measurement - Air flow measurement (opt.) - Control of the evacuated air quality (opt.) - Control of evacuated air humidity (opt.) - Leak measurement (opt.) - Pump performance measurement (opt.) - Energy and consumption measurement (opt.)
	Premium / Ultimate <ul style="list-style-type: none"> - Vacuum measurement in cavity - Vacuum measurement in tank - Vacuum regulation - Pollution control of filter and hose - Profile control of vent - Evacuated air volume measurement - Control of evacuated air humidity (opt.) 	
HUMAN-MACHINE INTERFACE	- Siemens HMI 7" / 9"	<ul style="list-style-type: none"> - Siemens HMI 12" - Redesigned intuitive interface - Automatic mode function for easy use of the vacuum system
INDUSTRY 4.0	The Highvac series has the possibility to save the vacuum process data. Data transfer to other devices.	The intelligent Modular series has a new and special automation dedicated to enhanced data analysis with the possibility of performant statistics and quality control. Easy data transfer to other devices.
PRICES	Defined prices for each model.	Configurable price depending on the options chosen for the Modular system.

SUPERVAC



FONDAREX KINETIC VALVE





	THE ORIGINAL SUCCESS STORY		MEET THE NEW GENERATION: INNOVATIVE MECHANISM HIGH PERFORMER	
		SUPERVAC MACRO		FONDAREX KINETIC VALVE 320 <small>(In final development stages)</small>
EVACUATION SECTION	160 mm ²		320 mm ²	+100%
PISTON CLOSING DISTANCE	7 mm		5 mm	-30%
TIME of the metal to cover the distance between initial and evacuation piston	1.7 ms with a metal speed of 100 m/s		4.4 ms with a metal speed of 100 m/s	+160%
NUMBER OF VALVE PARTS	40 parts		27 parts	-30%
DIMENSION (height x width)	(171 mm x 150 mm) x 2 (valve + compensator)		183 mm x 212 mm	-25%
WEIGHT	28.4 kg + 25.4 kg (valve + compensator)		25 kg	-55%

CHILL-BLOCK



FONDAREX DYNAMIC VENT



	THE PROFILE FOR EVERY SITUATION		MEET THE NEW GENERATION: ENHANCED AIR EVACUATION REDUCED PROJECTED AREA	
		CHILL-BLOCK SCS 140		FONDAREX DYNAMIC VENT 160
EVACUATION SECTION		140 mm ²		160 mm ² +15%
AIR RESISTANCE		Gap of 1.1 mm and 31 changes of direction with 15 teeth		Gap of 1.26 mm and 11 changes of direction with 5 teeth -75%
DEVELOPED LENGTH of the profile		350 mm with 15 teeth		390 mm with 5 teeth +10%
PROJECTED AREA of the profile		32'000 mm ²		23'000 mm ² -30%
DIMENSION (height x width)		360 mm x 150 mm		276 mm x 150 mm -25%
WEIGHT		30.6 kg (fix) + 32.6 kg (mobile)		18.9 kg (fix) + 20.4 kg (mobile) -35%



FONDAREX AT YOUR SERVICE

Our team of engineers provides quick and efficient service on production sites across the world. Through its strong international presence, Fondarex maintains a close relationship with its customers.

FONDAREX SA
Route Industrielle 13
1806 St-Légier
Switzerland

T +41 21 943 00 00
info@fondarex.com
www.fondarex.com