

Rotary Lobe Blowers - From Italy

Pressure - Vacuum



RBS



ROBOX Evolution



CRBIO - GRBIO

MODEL	:	RBS	ROBOX Evolution	CRBIO - GRBIO
Type	:	Positive Displacement Air Blower	Reduce Sound Compact Blower	Blower packages on skid For BIO GAS
Pressure(Max.)	:	1,000 mbar(g)	1,000 mbar(g)	400 mbar(g)
Vacuum(Max.)	:	500 mbar(a)	500 mbar(a)	500 mbar(a)
Capacity(Max.)	:	25,000 m³/hr	10,400 m³/hr	3,850 m³/hr
Discharge size	:	50 - 500 mm	50 - 300 mm	50 - 200 mm
Material	:	Cast iron ,Stainless steel and Cast iron chemical coating		
Qualification	:	Robuschi provides premium rotary lobe blowers at varying pressures above atmospheric up to 1,000 mbar(g) and for vacuum duties up to 100 mbar(a) along with maximum air flow of 25,000 m³/hr. The large number of models, sizes, options, configurations available provides solutions for most industrial applications.		

Low Pressure Screw Compressors - From Italy

Pressure - Vacuum



RSW



ROBOX Screw Low - High Pressure



ROBOX Screw Vacuum



ROBOX energy

MODEL	:	RSW	ROBOX Screw Low - High Pressure	ROBOX Screw Vacuum	ROBOX energy
Type	:	Low pressure oil-free screw compressor	Highly efficient oil-free screw compressor unit	Highly efficient compressor unit in vacuum operation	Highly efficient screw compressor unit permanent magnet motor
Pressure(Max.)	:	2,500 mbar(g)	1,000 - 2,500 mbar(g)	N/A	1,000 mbar(g)
Vacuum(Max.)	:	N/A	N/A	300 mbar(a)	N/A
Capacity(Max.)	:	12,500 m³/hr	10,500 m³/hr	8,700 m³/hr	4,200 m³/hr
Discharge size	:	100 - 300 mm	100 - 300 mm	100 - 300 mm	100 - 200 mm
Material	:	Cast iron And Cast steel			
Qualification	:	Robuschi's latest product innovation is the Low Pressure Screw Compressor range, available in high pressure up to 2,500 mbar(g), low pressure up to 1,000 mbar(g) and vacuum up to 300 mbar(a) configurations with a maximum air flow of 10,500 m³/hr. The ROBOX energy RSW "core" (patent) with the innovative motor with Permanent Magnets and integrated electrical panel, offering maximum efficiency, compactness, simple maintenance.			

Rotary Lobe Blowers - From Italy

Vacuum



RB - DV



TRB - DV



MODEL	:	RB-DV	TRB-DV
Type	:	Vacuum PD Blower	Vacuum PD Blower Compact for Vacuum Truck
Vacuum(Max.)	:	100 mbar(a)	100 mbar(a)
Capacity(Max.)	:	10,500 m ³ /hr	550 - 1,000 m ³ /hr
Discharge size	:	80 - 300 mm	80 - 300 mm
Material	:	Cast iron	
Qualification	:	RB-DV series of rotary three lobe PD blowers can operate at high vacuum levels thanks to a Robuschi patented device that injects atmospheric air. TRB-DV are completely assembled compact group sets with noise enclosure developed for vacuum truck handling wet and /or dry waste. It is possible to install this group with up to 5° degree tilt. Power take off connection can be made by either hydraulic motor and or V- belt transmission.	

Rotary Lobe Blowers - From Italy

Pressure-Vacuum



RBS/AV



BIOGAS (Blower package)



CRBS - GRBS

MODEL	:	RBS/AV	BIOGAS(Blower Package)	CRBS - GRBS
Type	:	High Vacuum Blowers	Compack Blower For BIO GAS	Complete Set Havy Duty Compack Blower
Pressure(Max.)	:	N/A	1,000 mbar(g)	1,000 mbar(g)
Vacuum(Max.)	:	0.001 mbar(a)	500 mbar(a)	500 mbar(a)
Capacity(Max.)	:	9,400 m ³ /hr	2,850 m ³ /hr	25,000 m ³ /hr
Discharge size	:	80 - 200 mm	50 - 200 mm	300 - 500 mm
Material	:	Cast iron ,Stainless steel and Cast iron chemical coating		
Qualification	:	Robuschi provides premium rotary lobe blowers at varying pressures above atmospheric up to 1,000 mbar(g) and for vacuum duties up to 100 mbar(a) along with maximum air flow of 25,000 m ³ /hr. The large number of models, sizes, options, configurations available provides solutions for most industrial applications.		

Chemical Process Pump (PROCHEM) [UNI EN 22858 STANDARD] - From Italy



RN - RNS



RKNS



E - LIQUIDS

MODEL	:	RN - RNS	RKNS	E-Liquids
Type	:	High fluid dynamics efficiency, Centrifugal pumps with closed impellers	Heavy duty solution, Centrifugal pumps with Semi opened	Clear water pumping centrifugal pumps with axial inlet.
Head(Max.)	:	140 m	60 m	95 m
Temp(Max)	:	280 °C	280 °C	90 °C
Capacity(Max.)	:	2,600 m ³ /hr	110m ³ /hr	110m ³ /hr
Discharge size	:	32 - 300 mm	32 - 50 mm	32 - 2000 mm
Material	:	Cast iron, 304 Stainless steel, 316 Stainless steel		
Qualification	:	The PROCHEM pumps are single-stage horizontal centrifugal pumps with axial inlet, designed in conformity with UNI EN 22858 standards.		

- RN - RNS : innovative components assure an high fluid dynamics efficiency.

- RKNS (Non clogging) : Heavy duty solution for suspended crystals, muddy and/or viscous liquids.

- E : pumps are single-stage horizontal centrifugal pumps for clear water pumping.

Process Pump For Slurry Application (PROMIX) - From Italy



RACN(S)



RCN(S)



RCPN(S)



RKC(S)

MODEL	:	RACN-RACNS	RCN-RCNS, RCPN-RCPNS	RKC-RKCS
Head(Max.)	:	80 m	75 m	75 m
Temp(Max.)	:	170 °C	170 °C	170 °C
Capacity(Max.)	:	2,000 m ³ /hr	1,000 m ³ /hr	700 m ³ /hr
Discharge size	:	80 - 300 mm	65 - 200 mm	65 - 200 mm
Material	:	Cast iron, Stainless Steel		
Qualification	:	The PROMIX pumps are single stage horizontal centrifugal pumps with axial inlet, designed to pump all types of chemically inert or aggressive liquid, also viscous liquid, and those containing high percentage of solid particles in suspension, and slurry.		

- RACN-RACNS centrifugal pumps open channel impeller.

- RCN-RCPN / RCNS-RCPNS series with closed channel impeller.

- RKC - RKCS series with open type installed in recessed position.

Liquid Ring Vacuum Pumps - From Italy

Pressure-Vacuum



RVS



ORVS



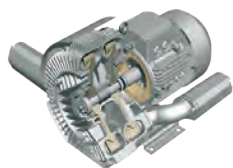
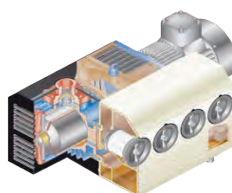
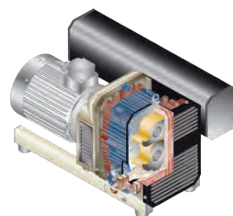
LRVS - CRVS



KRVS

MODEL	:	RVS	ORVS	LRVS - CRVS	KRVS
Type	:	Water Recirculation	Oil Recirculation	Water Recirculation	Water Recirculation
Pressure(Max.)	:	2,000 mbar(g)	N/A	2,000 mbar(g)	2,000 mbar(g)
Vacuum(Max.)	:	33 mbar(a)	10 mbar(a)	33 mbar(a)	33 mbar(a)
Capacity(Max.)	:	4,200 m³/hr	800 m³/hr	4,200 m³/hr	4,200 m³/hr
Discharge size	:	25 - 200 mm	25 - 100 mm	100 - 200 mm	40 - 200 mm
Material	:	Cast iron, Stainless Steel, Bronze			
Qualification	:	Robuschi offers single stage liquid ring vacuum pumps, capable of achieving up to 33 mbar(a) and of sucking gas and vapor without contamination from lubricants and with nearly isothermal gas compression. Thanks to its construction features, the vacuum series assures reduced water consumption, low noise and vibrations, minimum maintenance. The range includes complete units (KRVS, CRVS, LRVS), especially developed for the vacuum generation in different sectors.			

Screw Vacuum Pumps - From Germany

Model :				
	Side Channel	Rotary Vane	Claw	Screw
Type :	Pressure & Vacuum	Pressure & Vacuum	Pressure & Vacuum	Vacuum
Capacity (Max.)	2,500 m³/hr	1,500 m³/hr	1,000 m³/hr	720 m³/hr
Pressure (Max.)	1 bar(g)	1.5 bar(g)	2.2 bar(g)	N/A
Vacuum(Max.)	350 mbar(a)	0.1 mbar(a)	50 mbar(a)	0.05 mbar(a)
Material	Cast iron, Ductile iron, Bronze, Stainless steel Special material (Duplex SS., Cast steel, Ni resist, Alloy steel)			
Qualification	Elmo Rietschle, are a recognized leader providing compressed air and gas, vacuum and fluid technologies to industries throughout the world. Offering an outstanding range of side channel blowers, dry running and oil lubricated rotary vane vacuum pumps and compressors, screw vacuum pumps and claw vacuum pumps and compressors.			