

# GEMUX

MADE FOR THE INDUSTRY



## SERVICES & SOLUTIONS

VACUUM PUMPS, VACUUM UNITS  
AND ENGINEERED SYSTEMS

**FOR OVER 20 YEARS** GEMUX srl has been focused in servicing industrial plants by supplying technical support for repair, reconditioning, upgrading of different kinds of equipment and machinery related to the chemical industry, pharma industry, power generation, food industry, water treatment and more.



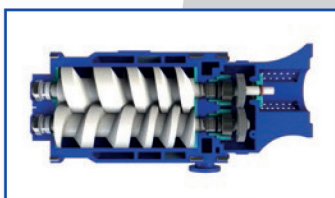
Along the years the company has developed a wide experience which combined to the use of its own technologies allow to define technical solutions designed to meet customers' expectations developed inside from feasibility study to construction, from erection to start-up supervision and maintenance later on.

The acquisition of CDK has given knowledge in maintenance and sales of vacuum equipment. Nowadays GEMUX is proud to have an exclusive team dedicated to vacuum in the position to offer pumps and systems to most process industries and more.



### Liquid ring vacuum pumps

Simple construction and flexible in operation, final vacuum 33 mbar or up to 2 bar when used as compressor, suitable for applications involving liquids or vapors carry over supposed to condense into the pump, isothermal compression, available in different material of construction but also available in big sizes. Standard version for safe area but also available for ex-proof ATEX area. API 681 design upgrade possible.



### Dry screw vacuum pumps

Innovative technology which allows to achieve 0,02 mbar, possible handling of both inerts and vapors, cast iron construction with multiple coating options for those applications with corrosive mediums, granted power savings. The combination with booster pump allows to achieve deeper vacuum but also bigger inlet capacities. Standard version for safe area but also available for ex-proof ATEX area.

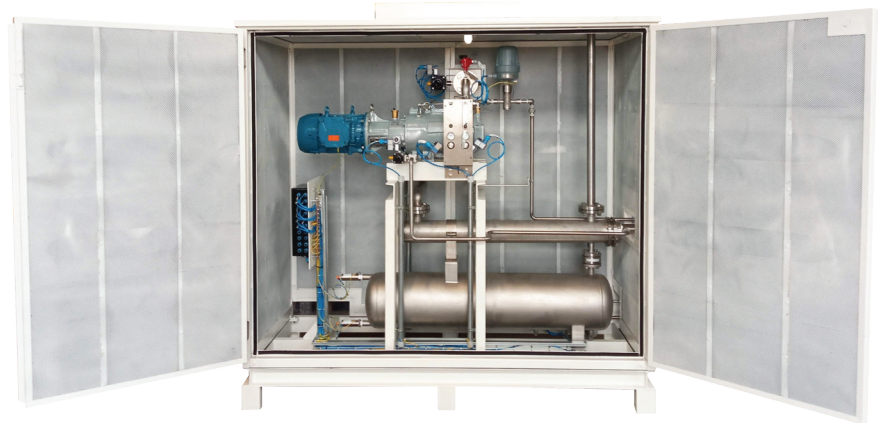
## PRODUCTS

	Inlet capacity: m <sup>3</sup> /h	Vacuum (max.): mbar abs.
Liquid ring vacuum pumps	10-30.000	33
Dry rotary vane pumps	10-250	150
Oil lubricated rotary vane pumps	10-700	0,5
Dry screw vacuum pumps	50-1.500	0,02
Liquid ring vacuum pump packages configured for partial or full service liquid recirculation	10-30.000	33
Liquid ring vacuum pumps combined with gas ejector	10-2.500	<10
Liquid ring pump hybrid systems combined with mechanical booster (roots type)	10-20.000	5
Liquid ring vacuum systems running on oil, full recirculation	10-3.000	30
Rotary vane pump hybrid systems combined with mechanical booster (roots type)	10-2.000	0,05
Dry screw pump hybrid systems combined with mechanical booster (roots type)	50-5.000	0,001

**GEMUX IS READY TO BE  
YOUR TRUSTED PARTNER**



*Vacuum pump offering is the result of distribution agreements with leading manufacturers of different technologies, widen by standard vacuum units or job tailor made engineered systems designed at GEMUX to meet specific duties and/or customer requirements. Holding different working principles and the know-how of combining various technologies into hybrid systems, GEMUX is ready to be your trusted partner.*



## APPLICATIONS

- CENTRALIZED VACUUM SYSTEMS
- CHEMICAL & PETROLCHEMICAL
- OIL & GAS
- POWER GENERATION
- PHARMA
- VACUUM FILTRATION
- PRIMING
- FOOD
- EVAPORATION/DISTILLATION
- EXTRUSION
- DRYING



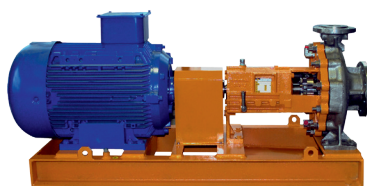
**MECHANICAL SEALS  
AND FLUSHING SYSTEMS**



**ROTARY VANE VACUUM PUMPS (dry or oil lubricated)  
DRY SCREW VACUUM PUMPS**



**LIQUID RING VACUUM PUMPS  
AND COMPRESSOR**



**CENTRIFUGAL PUMPS FOR INDUSTRIAL  
AND PROCESS DUTIES**

**GEMUX**  
MADE FOR THE INDUSTRY

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