

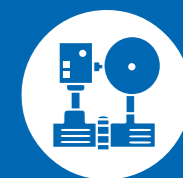


# Company

For 60 years PVR has been a leader providing high quality and reliable vacuum pumps. PVR means primarily trusted and advanced technologies, but also sustainable development for the stakeholders, environmental protection and focus on energy saving. The experience acquired during these years of activities, allows PVR to offer products and services that are always reliable and innovative.



Provide trusted & advanced technologies



# Machining Division

With a view to verticalization of its processes and increased capacity to provide more services to customers, PVR has had a specialized Machining Division for brass, steel, cast iron, stainless steel, and aluminum components since 2023.

Professionalism, experience, and quality characterise PVR Machining Division in the machining of numerous parts for vacuum pumps and components in the industrial, automotive, petrochemical, hydraulic, and electrical sectors.

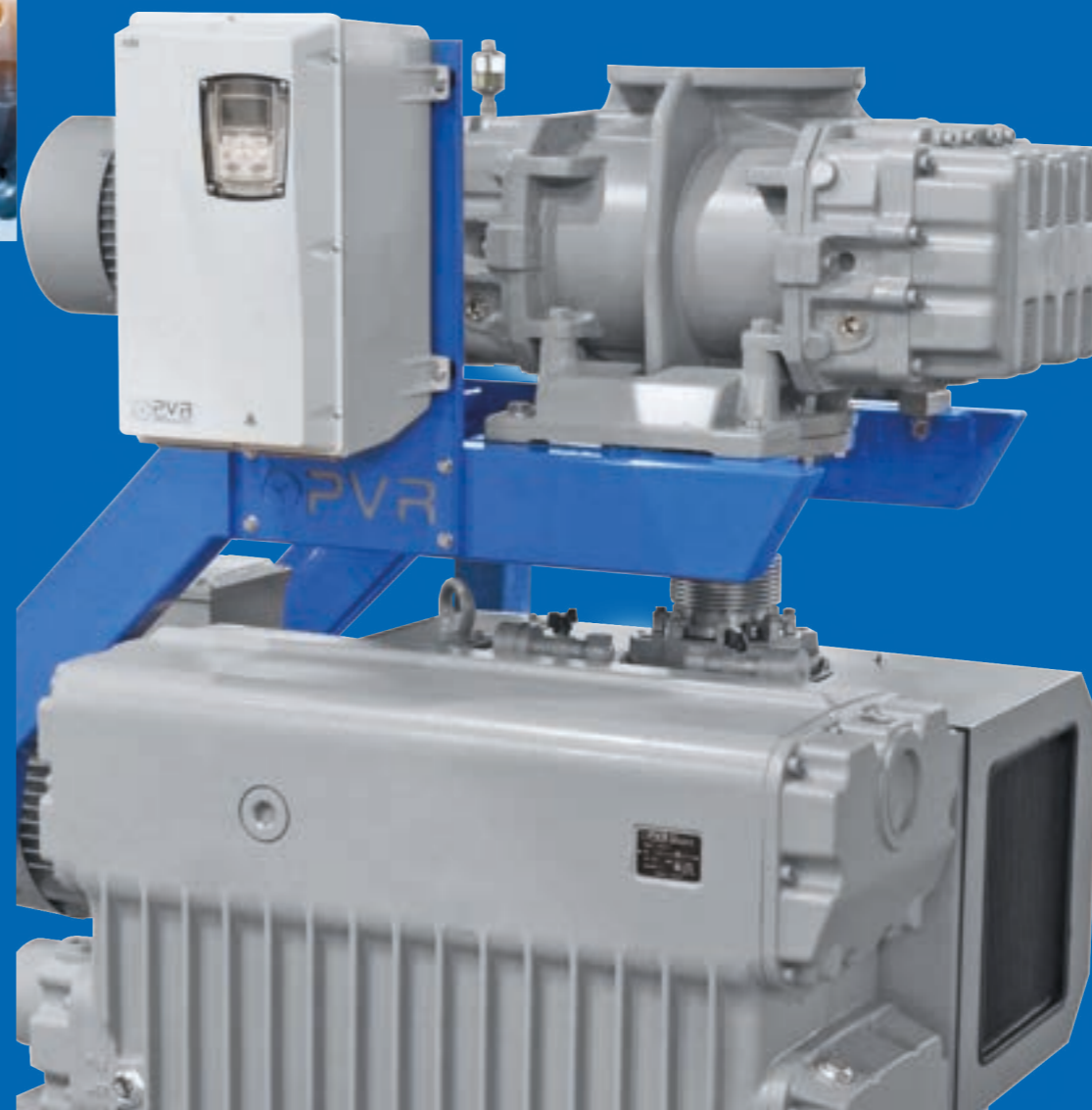


# Service

PVR guarantees a qualified advice for every inquiry thanks to its skilled technical/sales office that supports every project. The Service Department assists and advises our customers with scheduled maintenance, qualified overhauls and spare parts ready for delivery.



# Vacuum Systems KOMPACT Series



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# KOMPACT Series

## Vacuum Systems

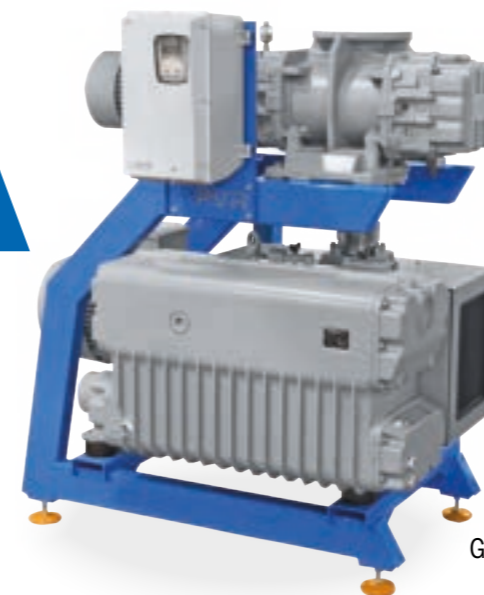
Kompact vacuum systems have been designed for those customers who need to couple vane vacuum pumps with Roots pumps. This solution allows to reach higher nominal capacities with higher ultimate pressure (up to  $7 \times 10^{-3}$  mbar).



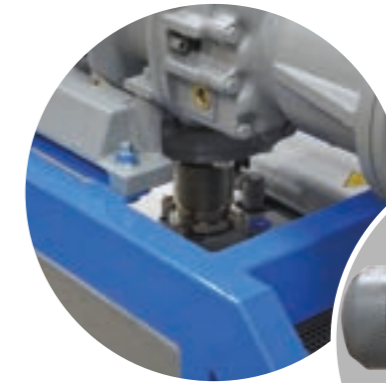
### Applications

Vacuum packaging machines  
thermoforming machines  
Deaeration tunnel  
Vacuum dryers  
Oil decontamination plants  
Chemical processes  
Material degassing  
Solvent recovery systems  
Distillation systems  
Drying systems

Solar panels  
LCD panels  
Autoclaves  
Leak detectors  
Laboratories  
Metallization  
Heat treatments  
Centralized vacuum systems  
Motor/transformer impregnation process



GVK 13.f7 S650 H



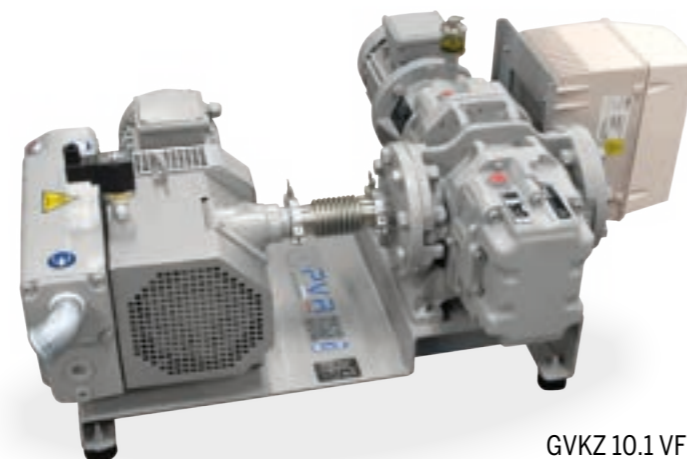
			GVK 11.3 S300 H	GVK 11.4 S300 H	GVK 12.5 S300 H
<b>Pump type</b>	(1)		GMa11.3HV	GMa11.4HV	GMa12.5HV
	(2)		EU300 H	EU300 H	EU300 H
<b>Nominal pumping speed</b>	m <sup>3</sup> /h	50 Hz	500	750	1000
		60 Hz	600	900	1200
<b>Ultimate pressure (abs.)</b>	mbar	1*	$\leq 7 \times 10^{-3}$	$\leq 7 \times 10^{-3}$	$\leq 7 \times 10^{-3}$
		2*	$\leq 2 \times 10^{-2}$	$\leq 2 \times 10^{-2}$	$\leq 2 \times 10^{-2}$
<b>Motor power</b>	kW	50 Hz	2,2+5,5	3+5,5	4+5,5
		60 Hz	2,2+7,5	3+7,5	4+7,5
<b>Noise level</b>	dB(A)	50 Hz	74	74	74
		60 Hz	76	76	76
<b>Total weight</b>	kg	50 Hz	410	440	490
		60 Hz	415	445	495
<b>Dimensions</b>	mm		1000 x 684 x 1158	1000 x 684 x 1158	1118 x 684 x 1198

	GVK 12.6 S300 H	GVK 13.f7 S650 H	GV 13.8 S650 H
	GMa12.6HV	GMa13.f7HV	GMa13.8HV
	EU300 H	EU650 H	EU650 H
	1400	2000	2900
	1680	2400	3480
	$\leq 7 \times 10^{-3}$	$\leq 7 \times 10^{-3}$	$\leq 7 \times 10^{-3}$
	$\leq 2 \times 10^{-2}$	$\leq 2 \times 10^{-2}$	$\leq 2 \times 10^{-2}$
	5,5+5,5	7,5+15	11+15
	5,5+7,5	7,5+18,5	11+18,5
	74	78	78
	76	80	80
	555	1065	1205
	560	1095	1235
	1289 x 684 x 1198	1451 x 1000 x 1545	1572 x 1000 x 1545

GVK 12.5 S300 H



Systems with dry screw pumps are also available in combination with Roots pumps. Special versions with final vacuum up to  $7 \times 10^{-4}$ .



GVKZ 10.1 VFD S65

The compact design also facilitates configuration with different types of accessories such as air filters, condensate separators, inverters, control panels and electrovalves for ballast gas management.

## Designed to offer the customer numerous advantages

- Small footprint
- Easy installation thanks to the reduction in size and weight
- Easy access to all system components
- Efficiency and ergonomics during maintenance phases, reducing time and costs
- Improved performance thanks to combination with EU H or HWT series pumps

