



# 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.



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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.



# DRY C P - CR P Dry claw compressors



# 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.

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# DRY C P - CR P Series

## Dry claw compressors

DRY C series have been designed for those applications where the handled medium must remain contaminant free during the process. The absence of wear parts in these pumps offer considerable savings in maintenance and associated downtime.



### Applications

Bottle fillings  
Milk production  
Evisceration systems  
Pneumatic conveying plants  
Granule conveying systems  
Plastic extruders  
Pick & place systems  
Hospital central vacuum

Ozone generators  
CNC routers  
Glass, ceramic and pottery industry

Water and soil remediation  
Printing machines  
Central vacuum systems



		DRY C 100 P				DRY C 157 P					DRY C 250 P					
<b>Nominal pumping speed</b>	m <sup>3</sup> /h	50 Hz	100				150					235				
		60 Hz	120				180					282				
<b>Ultimate pressure (G.)</b>	bar	50 Hz	0,6	1	1,5	2,3	0,60	0,85	1,2	2,0	2,45	0,50	0,90	1,60	2,10	
		60 Hz	0,5	0,8	1,2	2,1	0,65	1,2	2,0	0,45	0,75	1,4	1,75			
<b>Noise level</b>	dB(A)	50 Hz	76				78					77				
		60 Hz	78				80					80				
<b>Motor power</b>	kW	50 Hz	2,2	3	4	5,5	3	4	5,5	7,5	9,2	5,5	7,5	11,0	15,0	
		60 Hz	2,7	3,6	4,8	6,6	4	7,5	9,2	6,6	9,0	13,2	18,0			
<b>Motor speed</b>	rpm	50 Hz	3000				3000					3000				
		60 Hz	3600				3600					3600				
<b>Dimensions</b>	L	mm	50 Hz	723	744	771	771	926	943	1005	1044	1044	878	898	1041	1041
		60 Hz	723	744	771	771	943	1044	1044	898	1041	1041	1041			
	B x H	mm	424x402				400x668					738x530				

### Optional and accessories

VFD- inverter  
Suction filter  
Vacuum regulating valve  
Safety valve  
Silencer

DRY C 157 P



DRY C 300 P				DRY CR 60 P		DRY CR 150 P		DRY CR 400 P				DRY CR 500 P					
300				56		150		400				500					
360				68		180		480				600					
0,5	0,75	1,2	2,1	2		1,2		2		0,8	1,4	1,8	2	0,8	1,2	1,6	2
0,45	0,65	1,1	1,8	2		1,2		2		0,6	1,2	1,6	2	0,8	-	1,6	2
80				78		80		81				81					
84				79		82		82				83					
5,5	7,5	11	15	3		5,5		7,5		11	15	18,5	22	15	18,5	22	30
6,6	9	13,2	18	4		7,5		9,2		15	18,5	22	30	18,5	22	30	37
3000				2850		2850		2850				2850					
3600				3450		3450		3450				3450					
892	912	1055	1055	781		903		903		1274	1274	1274	1340	1289	1289	1355	1410
912	950	1055	1055	806		903		941		1274	1274	1340	1395	1289	1355	1410	1410
738x530				297x461		435x643		672x1003				672x1003					

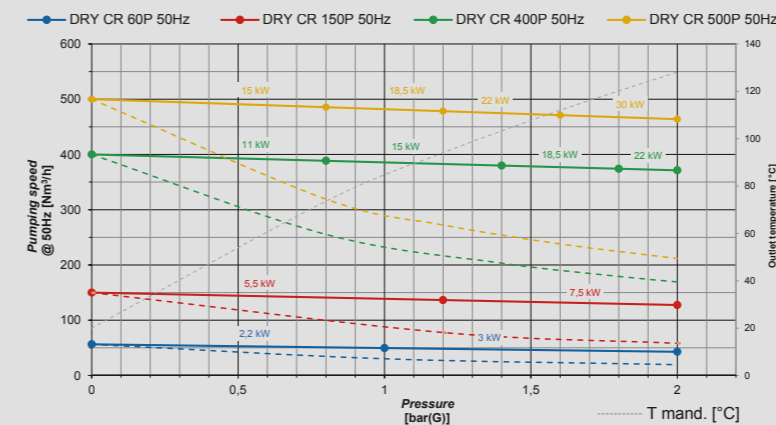
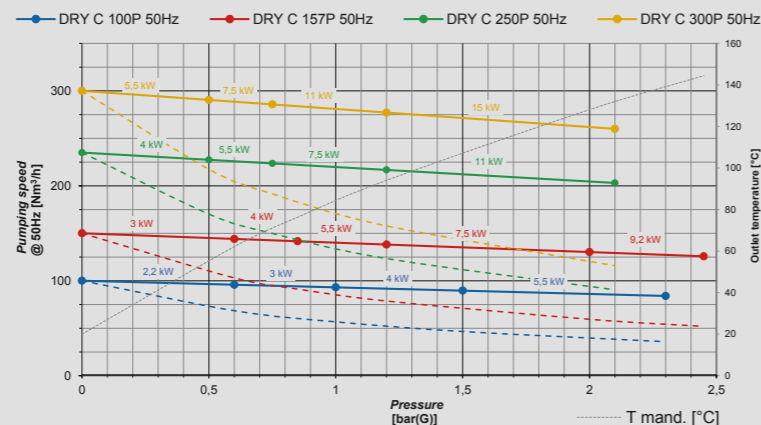


Scan to find out more

## Dry claw technology

Designed to avoid contaminating applications and processes. These pumps are suitable for any application even in the most challenging conditions thanks to their robustness, simplicity and contaminant handling capability.

Dry C guarantees minor lifecycle costs, high productivity, low energy consumption, simple operation and control, maintenance free.



DRY CR 500 P

