



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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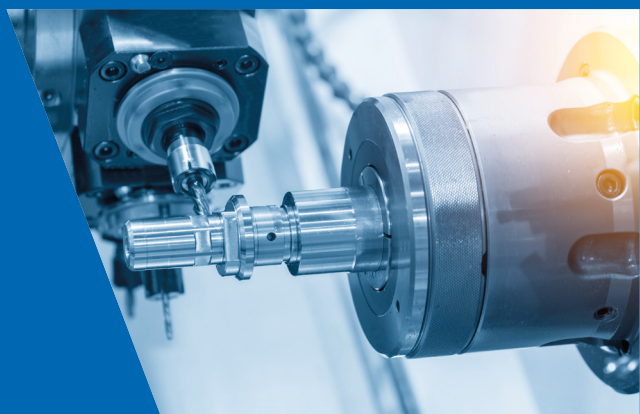
Provide trusted & advanced technologies



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 - CR Dry claw vacuum pumps



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.

PVR Srl

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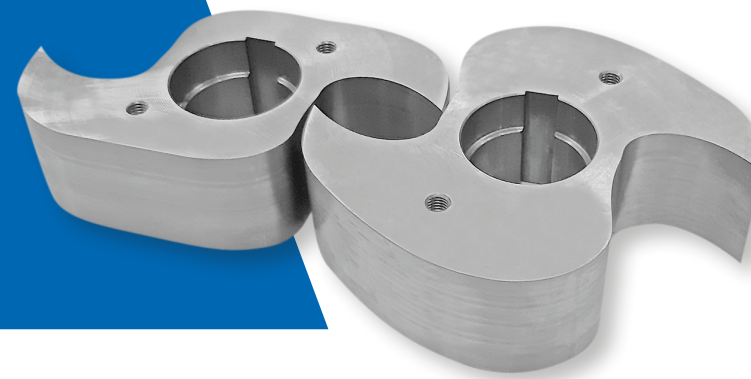
032500-EN



DRY C - CR Series

Dry claw vacuum pumps

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

Optional and accessories

Suction filter
Vacuum regulating valve
Safety valve
Silencer



DRY C 300



Also available in
VFD version
Variable
Frequency Drive



			DRY C 100	DRY C 157	DRY C 250	DRY C 300
Nominal pumping speed	m ³ /h	50 Hz	100	150	235	300
		60 Hz	120	180	282	360
Ultimate pressure (abs.)	mbar	50 Hz	-	50	-	-
		60 Hz	-	50	-	-
Continuous ultimate pressure (abs.)	mbar	50 Hz	150	70	200	200
		60 Hz	150	70	200	200
Noise level with silencer	dB(A)	50 Hz	75	73	77	78
		60 Hz	77	75	80	81
Motor power	kW	50 Hz ~ 3	2,2	3	4	5,5
		60 Hz ~ 3	3	4	5,5	7,5
Motor speed	rpm	50 Hz	3000	3000	3000	3000
		60 Hz	3600	3600	3600	3600
Dimensions	L x B x H mm	50 Hz	703x356x390	797x434x524	841x540x530	892x540x530
		60 Hz	703x356x390	822x434x524	878x540x530	912x540x530
Total weight	kg	50 Hz ~ 3	90	120	181	215
		60 Hz ~ 3	90	124	200	219

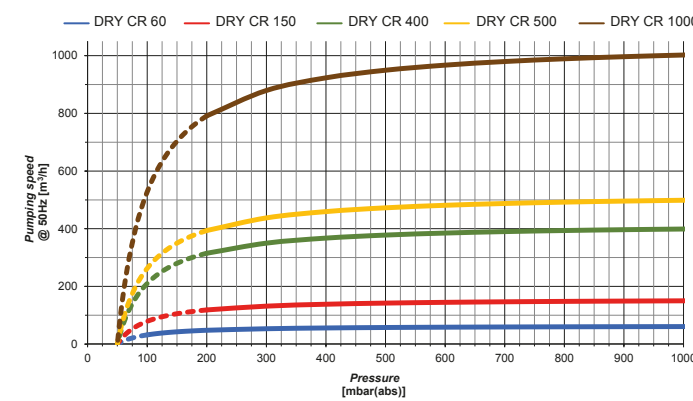
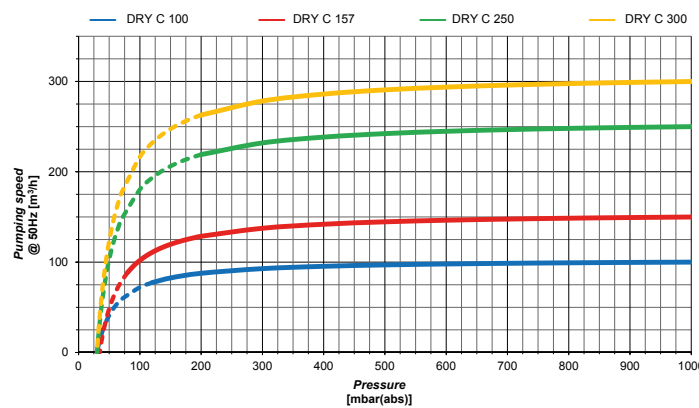
DRY CR 60	DRY CR 150	DRY CR 400	DRY CR 500	DRY CR 1000
60	150	400	500	950
72	180	480	600	1140
50	50	50	50	50
100	100	200	200	200
78	73	76	76	82
80	76	78	78	85
1,1	3	7,5	9,2	18,5
1,5	4	9,2	11	22
2850	2850	2850	2850	2850
3450	3450	3450	3450	3450
736x321x461	797x434x524	1065x586x695	1120x586x695	1409x737x1037
736x321x461	822x434x524	1105x586x695	1291x586x695	1475x737x1037
55	131	350	450	720
60	137	355	455	730

DRY C 157 is also available
in ATEX version.



DRY C 157

Dry claw technology



HCT version

The HCT version of the DRY C series pumps consists of a surface treatment of the rotors to increase the resistance to water vapour and corrosion. The special treatment and the absence of wear parts allow considerable savings in terms of both maintenance and machine downtime.



Scan to find out more

