



CLAWVAC CPi B System

The one-stop-shop solution
for high central vacuum demands

The unique product features of the CLAWVAC product line offer numerous advantages for the rough vacuum industry. The CLAWVAC CPi B System extends the line with a smart all-in-one multi-claw pump solution, combining all the benefits of the CLAWVAC with an intelligent controller and software to meet high process demands and provide energy efficiency, redundancy and easy maintenance.



Pure performance

- Full vacuum power with a small footprint
- Large provision for demanding central vacuum solutions
- One VFD per pump to maximize the performance



Plug & Go

- Easy to install, connect and start
- An intelligently-designed, compact and easily accessible system with a controller and pipeworks included



Easy maintenance

- Quick and easy accessibility of all pumps with no disassembly
- Full equal wear for lower TCO
- Work on a single pump without shutting down the entire system: no production downtime!



Smart controls & connectivity

- Seamless pressure band control with multiple VFD power
- Trend analysis and logging of critical pump parameters
- State-of-the-art communication protocols (Modbus, EthernetIP, etc.)



Maximized energy efficiency

- Vacuum on demand means pure cost savings
- No energy consumption during low-demand-phases

High capability for demanding applications via:

- Corrosion-resistant stainless steel claws
- Coated and corrosion-resistant pumping chamber
- Drainable design

Innovative product features



High-performing CLAWVAC power

- Best-in-class performance
- Continuous operation at any inlet pressure
- Low power consumption



Easy maintenance

- Valves for each pump module for isolating them without shutting down the system
- Full accessibility through an open and maintenance-friendly design



Set up for the future

- Completely set-up frequency converters for each pump
- VAControl with in-house developed software
- Continuous software updates and remote support

Technical Data

		CP 1200i B	CP 1600i B
Pumping speed min. / max	m³/h cfm	24 - 1150 14 - 677	24 - 1450 14 - 854
Pumping pressure range	mbar Torr	150 - 1000 112 - 750	
Motorshaft power	kW hp	33 44.25	44 59.005
Noise level	dB(A)	74	
Ambient temperature	°C °F	0 - 40 32 - 104	
Weight	kg lbs	1500 3306	1800 3968
Protection class	IP	54	
Supply voltages ¹		380 - 480 V, 3 Ph	
Connections	Inlet Outlet	DN 100 DN 100	

Ordering Information *	CP 1200i B	CP 1600i B
380 - 480 V 50/60 Hz 3 PH	10781200V01	10781600V01

¹ According to DIN EN ISO 2151

* For detailed information on our full scope of CLAWVAC pumps and motor versions, please refer to our general catalog. Visit our webshop www.leyboldproducts.com

Applications

- ✓ Food and Packaging
- ✓ Plastics (Extruding, Conveying)
- ✓ Drying
- ✓ Vulcanization
- ✓ Central vacuum systems
- ✓ Pick and Place



Pioneering products. Passionately applied.