



2 x (5,5-10)  
HP

100-125  
150-175  
psi

Investing in our state-of-the-art air compressors will not only improve the quality and efficiency of your car wash services but also contribute to long-term savings through reduced energy consumption and maintenance costs.



### Key Features

- **Robust Performance:** Our compressors deliver consistent air flow, ensuring optimal operation of all pneumatic car wash equipment, from foam applicators to drying systems.
- **Energy Efficiency:** Equipped with advanced technology, these units provide maximum output with minimal energy consumption, reducing operational costs.
- **Compact Design:** The space-saving footprint allows for easy integration into existing car wash setups without compromising on power.
- **Low Maintenance:** Built with high-quality components, our compressors require minimal maintenance, offering greater uptime and reliability.



### Applications in Car Wash Operations

- **Pre-Wash Preparation:** Utilize compressed air to remove loose debris from vehicle surfaces, ensuring a more effective wash.
- **Foam Application:** Power foam guns to evenly distribute cleaning agents, enhancing the washing process.
- **Drying:** Employ compressed air to efficiently dry vehicles, reaching areas that traditional drying methods might miss.
- **Pneumatic Tool Operation:** Support various pneumatic tools essential for car maintenance and detailing.



## Screw Block

- Durable screw block provides high-capacity of air and is specially selected for each model's capacity requirement
- New rotor profiles for reduced loss air production and lower torque requirements
- Next gen bearing design for improved load bearing capabilities

## Main Motor and Drive System

- IE3 efficiency-class electric motor
- Star/delta motor starter
- Soft start option
- Belt-pulley drive system
- Easy-to-use belt tensioner and pulley bushing for easy servicing

## Controller

- Without the need for an external main controller, ability to co-aged work synchronized with Master/Slave for up to two compressors
- Internal ModBus communication
- User-friendly on-screen interface
- Alarm log records last 20 alarms
- Weekly scheduler for starting/stopping the machine at 3 different time intervals can be individually set for each day of the week
- Maintenance warnings and history



60 Hz

Model	Pressure		Capacity Per Machine*		Motor HP/kW	Connection	Dimensions (in.)			Weight lbs
	psi	bar	cfm	m <sup>3</sup> /min			Length	Width	Height	
HBD 4 DUPLEX	100	6,9	21	0,6	2 x (5,5/4)	1/2" NPT	91	26	64	784
	125	8,6	19	0,5						
	150	10,3	17	0,5						
	175	12,1	15	0,4						
HBD 5 DUPLEX	100	6,9	29	0,8	2 x (7,5/5,5)	1/2" NPT	95	26	63	842
	125	8,6	28	0,8						
	150	10,3	25	0,7						
	175	12,1	23	0,7						
HBD 7 DUPLEX	100	6,9	44	1,2	2 x (10/7,5)	3/4" NPT	95	26	63	901
	125	8,6	39	1,1						
	150	10,3	34	1						
	175	12,1	28	0,8						

- Unit performances measured in rference conditions which are 1 bar /14.5 psig absolute air pressure, %0 relative humidity, 20°C / 68 °F inlet air temperature, 71°C/160 °F thermostatic valve set temperature and use of Smartoil.

- HERTZ KOMPRESSOREN reserves its rights to make changes in its products and specifications without prior notice.

\* Refers to free air delivery measured according to ISO 1217:2009, Annex C standard.