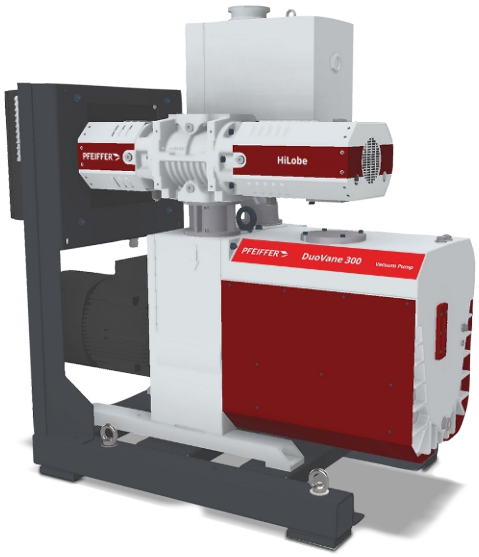
COMBI RD

Vacuum pump unit

PFEIFFER
VACUUM+FAB SOLUTIONS

Part of the BUSCH GROUP



Reliable

High uptime, increased safety thanks to process monitoring via integrated sensors, intelligent user interface of vacuum booster

High performance

High pumping speed at low ultimate pressures, fast pump-down times, high energy efficiency

Flexible

Various design options available, different combinations of oil-lubricated two-stage rotary vane backing pumps and vacuum boosters possible

Accessories, spare parts and options

- Control unit for booster and backing pump
- Oil mist separator
- OFC (Chemical oil filter)
- OFM (Mechanical oil filter)
- Gas-ballast valve kit
- Operations monitoring unit
- SAS (Dust separator)
- KAS (Condensate separator)
- Various feet (height-adjustable machine foot, castor wheels, floor mounting)

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	COMBI RD 1002	COMBI RD 1604	COMBI RD 2054
Vacuum booster	HiLobe 1302	HiLobe 2104	HiLobe 2704
Backing pump	DuoVane 135	DuoVane 135	DuoVane 300
Pumping speed at 1 hPa(mbar)	975 m^3/h	1644 m^3/h	2037 m^3/h
Ultimate pressure	$5 \cdot 10^{-4}$ hPa (mbar)	$9 \cdot 10^{-4}$ hPa (mbar)	$9 \cdot 10^{-4}$ hPa (mbar)
Ultimate pressure with gas ballast valve	$9 \cdot 10^{-4}$ hPa (mbar)	$2 \cdot 10^{-3}$ hPa (mbar)	$2 \cdot 10^{-3}$ hPa (mbar)
Max. power consumption	6.5 kW	11 kW	11 kW
Input voltage	400 V AC (±10%), 50 Hz	400 V AC (±10%), 50 Hz	400 V AC (±10%), 50 Hz
Noise level (ISO 2151) at 1 hPa(mbar)	≤75 dB(A)	≤75 dB(A)	≤75 dB(A)
Weight approx.	500 kg	650 kg	790 kg
Gas inlet / outlet	DN 100 ISO-F/PN 16 / DN 63 ISO-F	DN 100 ISO-F/PN 16 / DN 100 ISO-F	DN 160 ISO-F/PN 16 / DN 100 ISO-F

DO YOU WANT TO KNOW MORE?

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CONTACT FORM

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