

Busch Product Overview

Oil-Lubricated Rotary Vane Vacuum Pumps

> R 5

Ultimate pressure: 0.075 – 15 Torr
Pumping speed 60 Hz: 2.8 – 1,060 ACFM



Dry Claw Vacuum Pumps and Compressors

> Mink

Ultimate pressure: 15 – 150 Torr
Pressure: 31 psig
Pumping speed 60 Hz: 23.5 – 677 ACFM



Dry Screw Vacuum Pumps

> COBRA Industrial

Ultimate pressure: 0.0075 – 0.75 Torr
Pumping speed 60 Hz: 50 – 1,471 ACFM



Dry Screw Vacuum Pumps

> COBRA Semicon

Ultimate pressure: 0.001 – 0.03 hPa (mbar)
Pumping speed 60 Hz: 85 – 7,385 m³/h



Vacuum Boosters

> Panda / Puma

Differential pressure: Δp max. 18.75 – 75 Torr
Pumping speed 60 Hz: 165 – 6,872 ACFM



Dry-Running Rotary Vane Vacuum Pumps and Compressors

> Seco

Ultimate pressure: 75 – 112.5 Torr
Pressure: 8.7 – 21.8 psig
Pumping speed 60 Hz: 2 – 99 ACFM



Rotary Lobe Blowers

> Tyr

Ultimate pressure: 14.75" HgV
Pressure: 14.5 psig
Pumping speed 60 Hz: 88 – 2,578 ACFM



Once-Through Oil-Lubricated Rotary Vane Vacuum Pumps

> Huckepack

Ultimate pressure: 0.375 Torr
Pumping speed 60 Hz: 100 – 390 ACFM



Liquid Ring Vacuum Pumps and Compressors

> Dolphin

Ultimate pressure: 25 – 100 Torr
Pressure: 30 psig
Pumping speed 60 Hz: 18 – 6,415 ACFM



Side Channel Blowers

> Samos

Differential Pressure: Δp max.
Vacuum: 2.3 – 13.1" HgV, Pressure: 0.9 – 6.5 psig
Pumping Speed 60 Hz: 28 – 1,554 ACFM



Two-Stage Oil-Lubricated Rotary Vane Vacuum Pumps

> Zebra

Ultimate pressure: $6.7 \cdot 10^{-3}$ hPa (mbar)
Pumping speed 60 Hz: 3.5 – 108 m³/h



Scroll Vacuum Pumps

> Fossa

Ultimate pressure: 0.01 – 0.025 hPa (mbar)
Pumping speed 60 Hz: 18 – 42 m³/h



Turbomolecular Vacuum Pumps

> Turbo

Ultimate pressure: $< 1 \cdot 10^{-10}$ – $1 \cdot 10^{-8}$ hPa (mbar)
Pumping speed N₂: 1,080 – 2,200 l/s



Diffusion Vacuum Pumps

> Rangu

Ultimate pressure: $< 7 \cdot 10^{-8}$ hPa (mbar)
Pumping speed 60 Hz: 10,000 – 28,000 l/s



Vacuum Systems

> Tailored to Your Needs

