

# 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 m<sup>3</sup>/h



## Vacuum Boosters

> Panda / Puma

Differential pressure:  $\Delta p$  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:  $\Delta p$  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 m<sup>3</sup>/h



## Scroll Vacuum Pumps

> Fossa

Ultimate pressure: 0.01 – 0.025 hPa (mbar)  
Pumping speed 60 Hz: 18 – 42 m<sup>3</sup>/h



## Turbomolecular Vacuum Pumps

> Turbo

Ultimate pressure:  $< 1 \cdot 10^{-10}$  –  $1 \cdot 10^{-8}$  hPa (mbar)  
Pumping speed N<sub>2</sub>: 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

