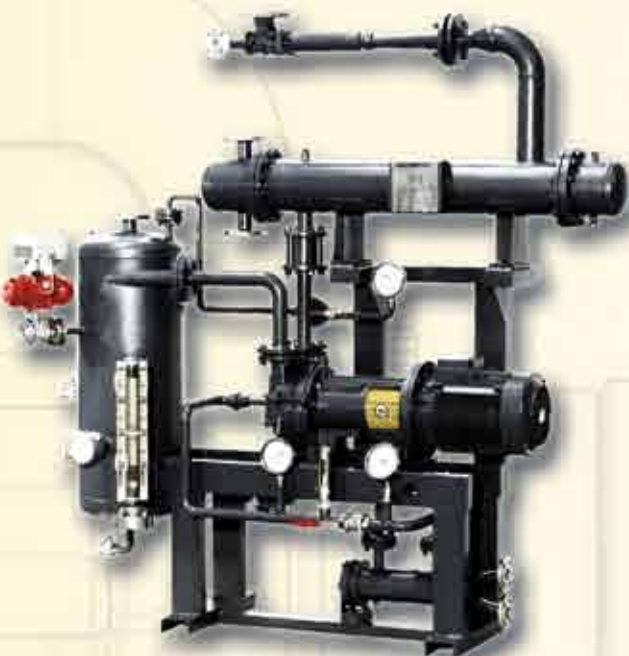




**DYNASEAL**

Standard air cooled closed-loop oil sealed vacuum systems. Capacity up to 2150 ACFM, max vacuum to 29.3 \*HgV (15 Torr) at 60Hz.



**SPECIAL SYSTEMS**

Custom designed water sealed and oil sealed systems to meet your application needs, for all types of industry including chemical, environmental, medical, food and beverage. Please consult Travaini Pumps USA Engineering.



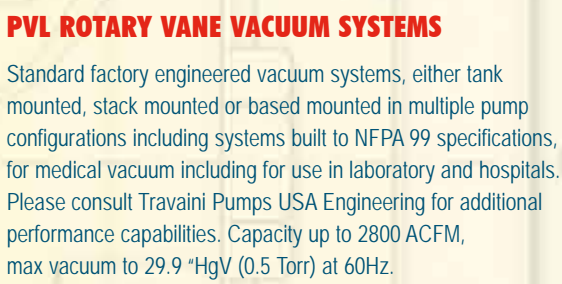
**COMPRESSOR SYSTEMS**

Standard water sealed and oil sealed compressor systems. Maximum flow up to 700 CFM, max discharge pressure 30 PSIG (2.1 barg) at 60Hz.



**WATERSEAL**

Standard water cooled and water sealed vacuum systems, in once through, partial recovery and full recovery designs. Capacity up to 2150 ACFM, max vacuum to 28.95/24\*HgV (25/150 Torr) at 60Hz.



**PVL ROTARY VANE VACUUM SYSTEMS**

Standard factory engineered vacuum systems, either tank mounted, stack mounted or based mounted in multiple pump configurations including systems built to NFPA 99 specifications, for medical vacuum including for use in laboratory and hospitals. Please consult Travaini Pumps USA Engineering for additional performance capabilities. Capacity up to 2800 ACFM, max vacuum to 29.9 \*HgV (0.5 Torr) at 60Hz.



**HYDROTWIN / OILTWIN**

PLC controlled rotary lobe blower with LRVP package for very high vacuum needs, with total water or oil recirculation. Capacity up to 2300 ACFM, max vacuum to 29.86 \*HgV (1.5 Torr) at 60Hz.



**PVL ROTARY VANE VACUUM PUMPS**

Single stage, oil lubricated rotary vane vacuum pumps, air cooled, with automatic oil recirculation by means of differential pressure. Capacity up to 700 ACFM, max vacuum 29.9\* HgV (0.5 Torr) at 60Hz.

**VACUUM PUMPS**



**TRV**

Single stage liquid ring vacuum pumps. Capacity to 295 ACFM, max vacuum 28.95 \*HgV (25 Torr) at 60Hz.



**TRVK - TRSK**

Single stage liquid ring vacuum pumps. Capacity to 21200 ACFM, max vacuum 28.74/24\*HgV (30/150 Torr) at 60Hz.



**TRM**

Close-coupled single stage liquid ring vacuum pumps. Capacity to 160 ACFM, max vacuum 28.95 \*HgV (25Torr) at 60Hz.



**TRMN & TRVN**

Single stage liquid ring vacuum pumps. Capacity to 700 m³/h (410 ACFM), max vacuum 33 mbar (28.95 \*HgV / 25 Torr) at 50/60 Hz.



**HYDROCOMBI**

Vacuum packages for full recovery of vapors and gases at high vacuum. Capacity to 8000 m³/h (4700 ACFM), max vacuum 1 mbar (29.88 \*HgV / 0.75 Torr) at 50/60 Hz.



**TRAVAINI PUMPS® USA**

**SPECIAL PRODUCTS**  
LIQUID RING VACUUM PUMPS & SYSTEMS



**SAO**

Double acting liquid ring compressor. Capacity up to 110 CFM, max pressure 150 PSIG at 60Hz.



**TRVX**

Single stage liquid ring vacuum pumps of new design. Capacity to 1150 ACFM, max vacuum 28.95 \*HgV (25 Torr) at 60Hz.



**TRH - TRS**

Double or single stage liquid ring vacuum pumps. Capacity to 2150 ACFM, max vacuum 28.95/24\*HgV (25/150 Torr) at 60Hz.



**HYDROREC**

Vacuum packages for full recovery of vapors and gases. Capacity to 1400 m³/h (820 ACFM), max vacuum 6 mbar (29.74 \*HgV / 4.7 Torr) at 50/60 Hz.





### EXHAUSTERS

Positive displacement exhauster.  
Capacity to 2600 m<sup>3</sup>/h  
(1535 ACFM),  
max vacuum 500 mbar  
(14.7"HgV/375 Torr) at 50/60 Hz.



### DVD2

Active and dynamic manager  
of vacuum process production/control.

### BLOWERS

Positive displacement blower.  
Capacity to 2600 m<sup>3</sup>/h  
(1535 ACFM),  
max pressure 1800 mbar  
(23.6"HgV/11.6 PSIG) at 50/60 Hz.



# BORA PRODUCTS

BLOWERS - EXHAUSTERS - BOOSTER HV - DVD2 - SPECIALS



### BOOSTER HV

High vacuum booster.  
Capacity to 3250 m<sup>3</sup>/h (1910 ACFM),  
max vacuum 0.01 mbar (29.91"HgV/0.0075 Torr) at 50 Hz.  
Capacity to 3900 m<sup>3</sup>/h (2290 ACFM),  
max vacuum 0.01 mbar (29.91"HgV/0.0075 Torr) at 60 Hz.



### SPECIALS

Customized versions on request.



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## DESIGN RESEARCH & DEVELOPMENT



## AUTOMATION PRODUCTION TECHNOLOGY



## QUALITY CUSTOMER CARE



### TBH - TBK

Self-priming centrifugal pumps.  
Capacity up to 369 GPM, head to 1171 feet at 60Hz.  
Also available with magnetic drive.



### TMA

Multistage centrifugal pumps.  
Capacity up to 237 GPM,  
head to 1338 feet at 60Hz.

### TCH & MCU-CH - TCK

Monostage centrifugal pumps with closed impeller  
according to ISO 2858 & 5199 (series TCH).  
Capacity up to 9690 GPM, head to 535 feet at 60Hz.  
Also available with magnetic drive.

# CENTRIFUGAL PUMPS



### TBA - TBAK

Self-priming centrifugal pumps with low NPSH.  
Capacity up to 185 GPM, head to 1171 feet at 60Hz.  
Also available with magnetic drive.

### TCD

Monostage centrifugal pumps with closed impeller  
for thermal oil up to 610°F.  
Capacity up to 1850 GPM, head to 470 feet at 60Hz.

