

### HYDROPACK

Compact package vacuum units with total or partial water circulation. Capacity to 850 m<sup>3</sup>/h (500 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 50 Hz. Capacity to 1000 m<sup>3</sup>/h (600 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 60 Hz.

*Sistemi compatti per vuoto autonomi a ricircolo totale o parziale di acqua. Portata fino a 850 m<sup>3</sup>/h, vuoto max di 33 mbar.*



### TRM

Close-coupled single stage liquid ring vacuum pumps. Capacity to 300 m<sup>3</sup>/h (180 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 50 Hz. Capacity to 250 m<sup>3</sup>/h (150 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 60 Hz.

*Pompe monoblocco per vuoto ad anello di liquido ad uno stadio. Portata fino a 300 m<sup>3</sup>/h, vuoto max di 33 mbar.*



### TRV

Single stage liquid ring vacuum pumps. Capacity to 425 m<sup>3</sup>/h (250 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 50 Hz. Capacity to 500 m<sup>3</sup>/h (295 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 60 Hz.

*Pompa per vuoto ad anello di liquido ad uno stadio. Portata fino a 425 m<sup>3</sup>/h, vuoto max di 33 mbar.*



### TRVX

Single stage liquid ring vacuum pumps of new concept. Capacity to 1650 m<sup>3</sup>/h (970 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 50 Hz. Capacity to 2000 m<sup>3</sup>/h (1150 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 60 Hz.

*Pompe per vuoto ad anello di liquido ad uno stadio di nuova concezione. Portata fino a 1650 m<sup>3</sup>/h, vuoto max di 33 mbar.*



### TRMN & TRVN

Single stage liquid ring vacuum pumps. Capacity to 650 m<sup>3</sup>/h (385 ACFM) at 50 Hz. Capacity to 750 m<sup>3</sup>/h (440 ACFM) at 60 Hz. Max vacuum 40 mbar (28.73 "HgV / 30 Torr) at 50/60 Hz, at 50/60 Hz, 8 mbar (29.68 "HgV / 6Torr) with an ejector.

*Unità per il vuoto a ricircolo totale per aspirazione e recupero di gas e vapori. Portata fino a 650 m<sup>3</sup>/h, vuoto max di 40 mbar, 8 mbar con eiettore.*

### HYDROCOMBI

Vacuum packages for full recovery of vapors and gases at high vacuum. Capacity to 4000 m<sup>3</sup>/h (2355 ACFM), max vacuum 1 mbar (29.88 "HgV / 0.75 Torr) at 50 Hz.

*Unità per il vuoto per evacuazione di gas e vapori a basse pressioni. Portata fino a 4000 m<sup>3</sup>/h, vuoto max di 1 mbar.*



### BLOWERS SOFFIATORI

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.

*Soffiatore volumetrico a lobi. Portata fino a 2600 m<sup>3</sup>/h, pressione max di 1800 mbar.*



### DVD2

Active and dynamic manager of vacuum process production/control.

*Gestore attivo e dinamico dei processi di generazione/residuo del vuoto.*



### HYDROSYS

Centralized package vacuum units with total or partial water circulation. Capacity to 3500 m<sup>3</sup>/h (2060 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 50 Hz. Capacity to 3700 m<sup>3</sup>/h (2150 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 60 Hz.

*Sistemi centralizzati per vuoto autonomi a ricircolo totale o parziale di acqua. Portata fino a 3500 m<sup>3</sup>/h, vuoto max di 33 mbar.*



### HYDROTWIN & OILTWIN

PLC controlled Roots + LRVP package for very high vacuum levels with total water or oil circulation. Capacity to 3500 m<sup>3</sup>/h (2060 ACFM), max vacuum 2 mbar (29.86 "HgV / 1.5 Torr) at 50 Hz. Capacity to 3900 m<sup>3</sup>/h (2300 ACFM), max vacuum 2 mbar (29.86 "HgV / 1.5 Torr) at 60 Hz.

*Gruppi autonomi Pompa + Booster a ricircolo totale di acqua od olio per gradi di vuoto molto elevati controllati da PLC. Portata fino a 3500 m<sup>3</sup>/h, vuoto max di 2 mbar.*



### OILSYS

Closed-loop oil sealed vacuum units. Capacity to 1500 m<sup>3</sup>/h (885 ACFM), max vacuum 20 mbar (29.3 "HgV / 15 Torr) at 50 Hz. Capacity to 1600 m<sup>3</sup>/h (945 ACFM), max vacuum 20 mbar (29.3 "HgV / 15 Torr) at 60 Hz.

*Unità per il vuoto a ricircolo totale di olio. Portata fino a 1500 m<sup>3</sup>/h, vuoto max di 20 mbar.*

### TRH & TRS

Double or single stage liquid ring vacuum pumps. Capacity to 3200 m<sup>3</sup>/h (1885 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 50 Hz. Capacity to 3700 m<sup>3</sup>/h (2180 ACFM), max vacuum 33 mbar (28.95 "HgV / 25 Torr) at 60 Hz.

*Pompe per vuoto ad anello di liquido ad uno o due stadi. Portata fino a 3200 m<sup>3</sup>/h, vuoto max di 33 mbar.*



### TRVK & TRSK

Single stage liquid ring vacuum pumps. Capacity to 30000 m<sup>3</sup>/h (17650 ACFM), max vacuum 40 mbar (28.74 "HgV / 30 Torr) at 50 Hz. Capacity to 36000 m<sup>3</sup>/h (21200 ACFM), max vacuum 40 mbar (28.74 "HgV / 30 Torr) at 60 Hz.

*Pompe per vuoto ad anello di liquido ad uno stadio. Portata fino a 30000 m<sup>3</sup>/h, vuoto max di 40 mbar.*



### HYDROREC

Vacuum packages for full recovery of vapors and gases. Capacity to 650 m<sup>3</sup>/h (385 ACFM), at 50 Hz. Capacity to 750 m<sup>3</sup>/h (440 ACFM), at 60 Hz. Max vacuum 8 mbar (29.68 "HgV / 6Torr) at 50/60 Hz.

*Unità per il vuoto a ricircolo totale per aspirazione e recupero di gas e vapori. Portata fino a 650 m<sup>3</sup>/h, vuoto max di 8 mbar.*



### 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 (2300 ACFM), max vacuum 0.01 mbar (29.91 "HgV/0.0075 Torr) at 60 Hz.

*Booster alto vuoto. Portata fino a 3250 m<sup>3</sup>/h, vuoto max di 0.01 mbar.*



### SPECIALS SPECIALI

Customized versions on request.

*Esecuzioni personalizzate su richiesta.*



# pompetravaini

## VACUUM PUMPS - POMPE PER VUOTO

# special products

## LIQUID RING VACUUM PUMPS & SKIDS POMPE PER VUOTO AD ANELLO DI LIQUIDO & GRUPPI VUOTO

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## BLOWERS - EXHAUSTERS - BOOSTER HV - DVD2 - SPECIALS SOFFIATORI - DEPRESSORI - BOOSTER HV - DVD2 - SPECIALI



**TCH & MCU-CH**  
Monostage centrifugal pumps with closed impeller according to ISO 2858 & 5199 (series TCH). Capacity to 2200 m<sup>3</sup>/h (9690 GPM), max pressure 15 bar (500 feet) at 50 Hz. Capacity to 2000 m<sup>3</sup>/h (8810 GPM), max pressure 15 bar (500 feet) at 60 Hz.

*Pompe centrifughe monostadio con girante chiusa, unificate secondo le norme ISO 2858 e 5199 (serie TCH). Portata fino a 2200 m<sup>3</sup>/h, pressione max fino a 15 bar.*



**TCHM & TCTM**  
Close-coupled monostage centrifugal pumps with closed or vortex open impeller. Capacity to 220 m<sup>3</sup>/h (970 GPM), max pressure 10 bar (335 feet) at 50 Hz. Capacity to 270 m<sup>3</sup>/h (1190 GPM), max pressure 15 bar (500 feet) at 60 Hz.

*Pompe centrifughe monostadio monoblocco con girante chiusa od aperta a vortice. Portata fino a 220 m<sup>3</sup>/h, pressione max fino a 10 bar.*



**TCT**  
Monostage centrifugal pumps with vortex open impeller. Capacity to 220 m<sup>3</sup>/h (970 GPM), max pressure 7 bar (235 feet) at 50 Hz. Capacity to 270 m<sup>3</sup>/h (1190 GPM), max pressure 10 bar (335 feet) at 60 Hz.

*Pompe centrifughe monostadio con girante aperta a vortice. Portata fino a 220 m<sup>3</sup>/h, pressione max fino a 7 bar.*

## CENTRIFUGAL PUMPS POMPE CENTRIFUGHE



**TCD**  
Monostage centrifugal pumps with closed impeller for thermal oil. Capacity to 300 m<sup>3</sup>/h (1320 GPM), max pressure 10 bar (335 feet) at 50 Hz. Capacity to 350 m<sup>3</sup>/h (1540 GPM), max pressure 14 bar (470 feet) at 60 Hz.

*Pompe centrifughe monostadio con girante chiusa per olio diatermico. Portata fino a 300 m<sup>3</sup>/h, pressione max fino a 10 bar.*



**TCA**  
Monostage centrifugal pumps with completely open impeller. Capacity to 100 m<sup>3</sup>/h (440 GPM), max pressure 10 bar (335 feet) at 50 Hz. Capacity to 120 m<sup>3</sup>/h (530 GPM), max pressure 14 bar (470 feet) at 60 Hz.

*Pompe centrifughe monostadio con girante completamente aperta. Portata fino a 100 m<sup>3</sup>/h, pressione max fino a 10 bar.*



**TCK**  
Magnetic drive monostage centrifugal pumps with closed impeller according to ISO 2858. Capacity to 300 m<sup>3</sup>/h (1320 GPM), max pressure 15 bar (500 feet) at 50 Hz. Capacity to 350 m<sup>3</sup>/h (1540 GPM), max pressure 14 bar (470 feet) at 60 Hz.

*Pompe centrifughe monostadio a trascinamento magnetico con girante chiusa unificate secondo le norme ISO 2858. Portata fino a 300 m<sup>3</sup>/h, pressione max fino a 15 bar.*

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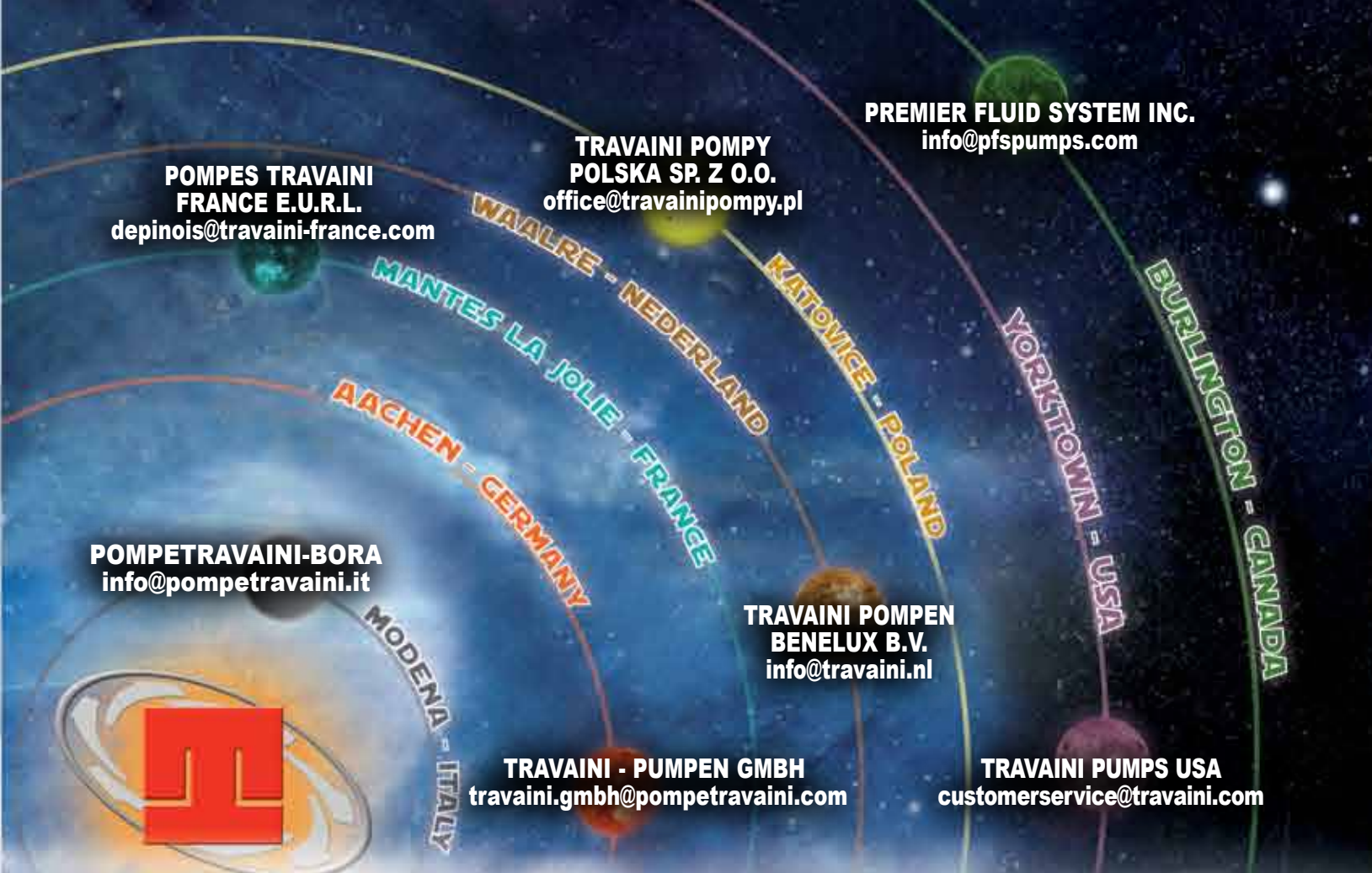
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**TCN**  
Monostage centrifugal pumps with closed impeller. Capacity to 1800 m<sup>3</sup>/h (7930 GPM), max pressure 6 bar (200 feet) at 50 Hz. Capacity to 2200 m<sup>3</sup>/h (9690 GPM), max pressure 7 bar (235 feet) at 60 Hz.

*Pompe centrifughe monostadio con girante chiusa. Portata fino a 1800 m<sup>3</sup>/h, pressione max fino a 6 bar.*



**TMA**  
Multistage centrifugal pumps. Capacity up to 45 m<sup>3</sup>/h (198 GPM), max pressure 40 bar (1338 feet) at 50 Hz. Capacity up to 54 m<sup>3</sup>/h (237 GPM), max pressure 40 bar (1338 feet) at 60 Hz.

*Pompe centrifughe multistadio. Portata fino a 45 m<sup>3</sup>/h, pressione max fino a 40 bar (50 Hz).*

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**TBA & TBAK**  
Self-priming centrifugal pumps with low NPSH. Capacity up to 35 m<sup>3</sup>/h (154 GPM), max pressure 35 bar (1171 feet) at 50 Hz. Capacity up to 42 m<sup>3</sup>/h (185 GPM), max pressure 35 bar (1171 feet) at 60 Hz. Available also with magnetic drive.

*Pompe centrifughe autoadescanti con basso NPSH. Portata fino a 35 m<sup>3</sup>/h, pressione max fino a 35 bar (50 Hz). Disponibile anche con trascinamento magnetico.*

**TBH & TBK**  
Self-priming centrifugal pumps. Capacity to 70 m<sup>3</sup>/h (308 GPM), max pressure 35 bar (1171 feet) at 50 Hz. Capacity to 84 m<sup>3</sup>/h (369 GPM), max pressure 35 bar (1171 feet) at 60 Hz. Available also with magnetic drive.

*Pompe centrifughe autoadescanti. Portata fino a 70 m<sup>3</sup>/h, pressione max fino a 35 bar. Disponibile anche con trascinamento magnetico.*



**TMH**  
Multistage centrifugal pumps. Capacity to 350 m<sup>3</sup>/h (1541 GPM), max pressure 64 bar (2141 feet) at 50 Hz. Capacity to 420 m<sup>3</sup>/h (1849 GPM), max pressure 64 bar (2141 feet) at 60 Hz.

*Pompe centrifughe multistadio. Portata fino a 350 m<sup>3</sup>/h, pressione max fino a 64 bar (50 Hz).*

