



Total Maintenance Solutions (TMS) is a US-based producer of high-quality, US metals rotary vane & rotary lobe vacuum pumps. These products are made with components sourced in the Midwest. TMS not only manufactures quality products, but they have strong inventory levels and prompt shipping to readily meet customer demands. TMS offers a 1-year manufacturer warranty on all new and rebuilt products.

The TMS product lines are specifically designed to footprint with comparable Busch models. This means that end-users can take TMS products and refurbish a comparable Busch model. Furthermore, Total Maintenance Solutions offers a refurbishment program. If you have a Busch vac/blower unit and want it refurbished, TMS will take the old unit and bring it back into factory specifications. End-users can leverage the TMS Exchange Program or Trade-Ins. If a repair is too costly or the issue is time-sensitive, TMS can offer their comparable model to the Busch equivalent – more often than not – off the shelf.

Common Features Total Maintenance Solutions Products have over Busch Products:

- Interior oil return float with fewer parts to install.
- More durable materials – USA-sourced vs. Imports.
- Substantially longer life between rebuilds – USA Steel vs Imported steel.
- Trade in Old Pump for Credit Towards new TMS 'Made in USA' Pump.

Total Maintenance Solutions offers quality repair parts/kits for comparable Busch models. Additionally, Vacuum Pump Oil (30Wt) in Non-Detergent and Food Grade options. Vacuum Pump Filters are also commonly stocked.

Common Applications for rotating vane vacuum pumps and rotary lobe blowers include, but not limited to: Vacuum-Sealing/Packaging Applications, Thermoplastics, Food Processing Plants, Pneumatic Conveying, Freeze Drying, Distillation, Drying, Degassing, Form-Pressing/Laminating, Handling/Lifting Automation, Coatings, and Plastics Recycling.

TMSRV63

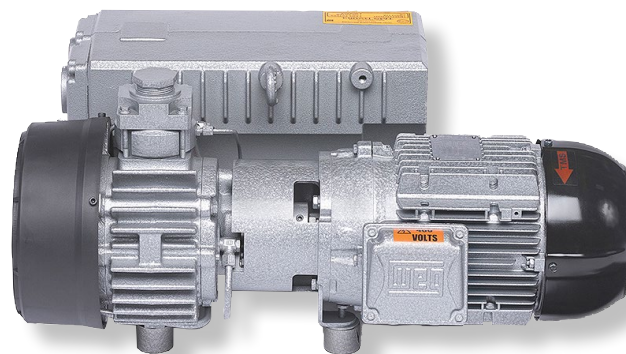
The **TMSRV63** vacuum pump is in the lowest-level CFM range. Innovative, state-of-the-art quick-change coupling eliminates the need to remove the motor to change the coupler element. This product line is not intended to transfer fluids – air/gases only.

Features:

- Max CFM: 45
- HP: 3
- One-piece lip seal cartridge vs two-piece design

Technical Specs:

- Motor: 230/460V, 3PH, TEFC, 3HP
 - Power Consumption at 75 Torr: 2HP
 - Power Consumption at Ultimate Pressure: 1.1HP
 - Motor Speed: 1800RPM
 - Sound Level (ISO 2151): 66 dB(A)
 - Oil Capacity: 2 Qts.
 - Dry Weight: 172 lbs.
 - Dimensions (L x W x H): 27 1/4" x 18 5/8" x 12 1/8"
 - Gas/Air Inlet: 1 1/4" FPT *Optional 90 Degree Hose Barb Elbows Available
- * Performance Data based on ambient conditions of 14.7PSIA and 70°F and tolerance of ±10%.*



Part No.	Description
TM SRV63	RV63 Vacuum Pump, 3HP, 1-1/4IN FPT Ports

TMSRV100

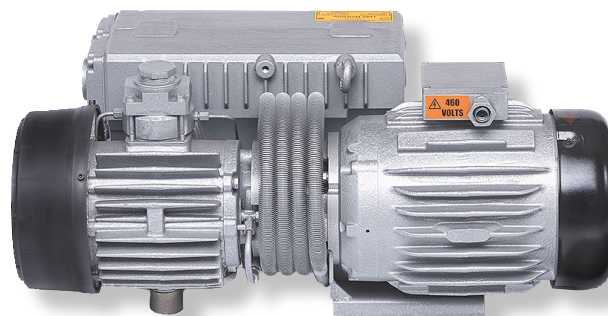
The **TMSRV100** vacuum pump is in the lowest-level CFM range. Innovative, state-of-the-art quick-change coupling eliminates the need to remove the motor to change the coupler element. This product line is not intended to transfer fluids – air/gases only.

Features:

- Max CFM: 71
- HP: 5
- One-piece lip seal cartridge vs two-piece design

Technical Specs:

- Motor: 230/460V, 3PH, TEFC, 5HP
 - Power Consumption at 75 Torr: 3.2HP
 - Power Consumption at Ultimate Pressure: 2HP
 - Motor Speed: 1800RPM
 - Sound Level (ISO 2151): 68 dB(A)
 - Oil Capacity: 2 Qts.
 - Dry Weight: 198 lbs.
 - Dimensions (L x W x H): 29 1/4" x 18 5/8" x 12"
 - Gas/Air Inlet: 1 1/4" FPT *Optional 90 Degree Hose Barb Elbows Available
- * Performance Data based on ambient conditions of 14.7PSIA and 70°F and tolerance of ±10%.*



Part No.	Description
TM SRV100	RV100 Vacuum Pump, 5HP, 1-1/4IN FPT Ports