

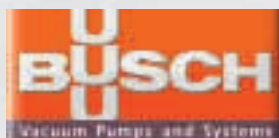
# Busch Factory Service Centers

**Vacuum Pump Repair and Maintenance**



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**Dry vane  
Dry screw  
Once-through-sealing  
Oil-recirculating  
Claw-type  
Blowers  
Liquid ring  
Vacuum systems  
Control panels  
Coatings**



## Busch Factory Service

Your Busch pump is designed to give you optimum performance, efficient operation and outstanding dependability.

Busch offers a valuable combination of total service support and engineering expertise to ensure maximum uptime and low cost of ownership throughout the life of your pump.

Strategically located regional factory service facilities maintain a large parts inventory and are staffed with factory trained service technicians, who are ready to assist you with all your equipment needs.



Pressure washing exhaust box



Beadblasting parts in final cleaning stage



Installing exhaust filters in R5 pump



Testing repaired pump



Pump teardown before repair



Measuring screw dimensions



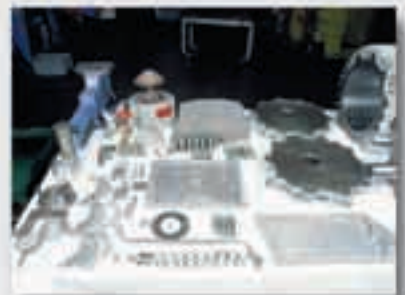
Checking runout tolerances



Remanufactured to original specifications



Genuine Busch replacement parts



R5 pump parts and special assembly tools

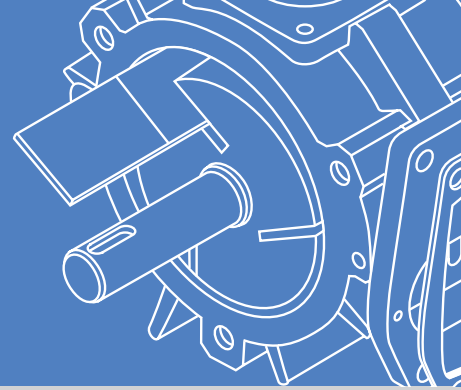
## Extend the life of your Busch vacuum pump. Use genuine Busch parts.

- Busch provides complete overhaul kits to restore your Busch pump to its original high efficiency.
- Busch exhaust filters are designed for proper oil and air separation with minimal back pressure. End caps resist corrosion and filter materials are manufactured for long service life.

- Shaft seals have proper lip tension to prevent oil leaks and to seal off dust. A secondary lip prevents dust from entering the seal area.
- Busch uses only superior quality bearings specified for load carrying characteristics and longevity. Incorrect bearings can cause extra friction, overheating and premature failures.
- Especially designed Busch oil filters filter out impurities in the oil; have special seals to prevent leakage; and allow proper flow rate of oil through the pump.

## Pump Quality Repair Procedures

1. A tracking number is assigned to each pump which is used throughout the repair and follow up process.
2. Pumps are completely disassembled and components are inspected.
3. Digital photography is used to capture specific damage for customer's inspection.
4. All components are thoroughly cleaned with pressure washers, chemical dip or bead blasting.
5. Critical parts are again inspected and measured for wear.
6. Rotors or screws are checked for straightness and balance.
7. Genuine Busch parts are used for all replacement items.
8. Pumps are reassembled to factory specifications by trained service technicians, using special installation tools.
9. Clearances are checked with feeler blades and dial indicators.
10. All repaired pumps are thoroughly tested to meet factory specifications.
11. Documentation on condition of pump, failure analysis and testing are maintained for future reference and tracking.
12. Pumps are painted, packed and promptly returned.
13. Customers receive report on the following:
  - Condition of the pump received
  - Failure analysis
  - Digital pictures as needed
  - Test results



## Busch... the value you deserve

### Expect and Get

- Quick product turnaround
- Prompt delivery
- Factory trained service technicians
- Preventative maintenance training
- On site repair and start up assistance
- 24 hour emergency phone line
- Extended pump warranty when maintained with genuine Busch parts
- Comprehensive repair report
- Service contracts
- Control system diagnostics
- Various coatings available for chemical applications
- Engineering support
- ISO 9001 certified

- Inlet filters are especially designed to reduce pressure drop and increase flow capacity for optimum performance of your Busch pump.
- Thermal expansion of Busch vanes allow them to move in their slots to provide excellent sealing. Wear, weight and dimensional characteristics of the vane material are critical for maximum performance of your pump.



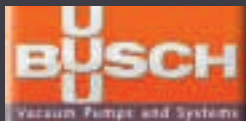


Busch - all over the world in industry

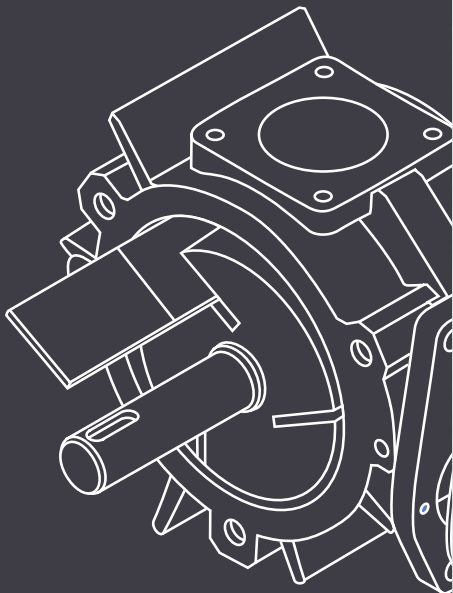
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ISO 9001 Registered Company



### Nationwide Sales, Distribution, and Service Centers



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Phone 908-561-3233



Factory Service Center - Illinois  
Phone 630-545-1310



Factory Service Center - California  
Phone 562-926-8422



Factory Service Center - Puerto Rico  
Phone 787-798-5045



Factory Service Center - Texas  
Phone 281-449-2381