

# TOTAL MAINTENANCE SOLUTIONS, INC.

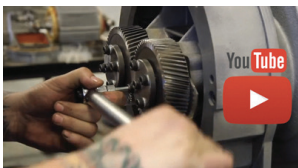
If vacuum equipment is an important part of your business you need to remember this name.

TMS has operated a full line vacuum pump repair, remanufacturing, maintenance and supply facility since 2000. The TMS team has over 100 years of combined experience. TMS services most rotating equipment and pump lines including:

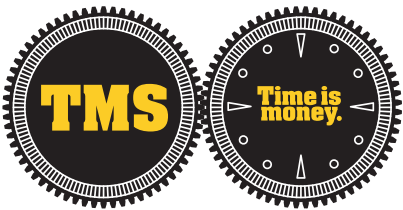
- Busch
- Rietschle
- Duroflow
- Beach-Russ
- Leybold
- and many more!

## The TMS difference includes:

- We carry a full line of Oil and Filters
- Replacement parts and repair kits
- Solid and reliable technical advice
- Pickup/delivery available on major repairs
- A top notch exchange program and warranties
- 24-hour online ordering at [TMSVacuum.net](http://TMSVacuum.net)
- Orders placed by 2:00 p.m. (CST) ship same day



Watch the full TMS Process online at [TMSVacuum.com/video](http://TMSVacuum.com/video)



Total Maintenance Solutions  
3407 78th Ave West,  
Rock Island, IL 61201  
[TMSVacuum.com](http://TMSVacuum.com)



If your pump goes bad, call TMS.  
**309-756-0955**

We can have an exchange vacuum pump on the road to you within hours.



When good pumps go bad...  
**nobody responds like TMS!**



## Your TMS Support Team



Mark Gilmore  
Owner



Steve Kovach  
IT Manager & Sales



Mark Gosney  
Service Tech & Sales



Rob Gilmore  
Parts & Supplies Manager



Rod Schmidt  
Owner



Jeff Schmidt  
National Sales Manager



Jim Bickle  
Service Tech & Sales

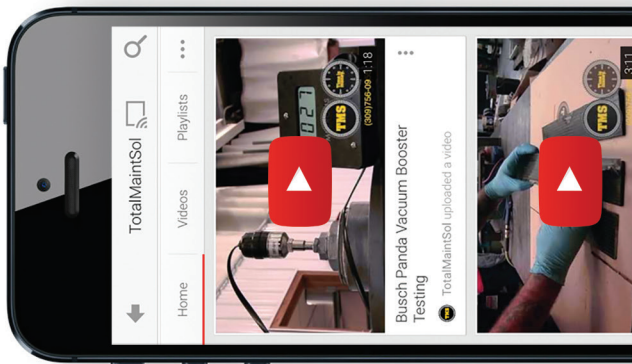


Karen Gilmore  
Sales & Finance Support

# HOW-TO VIDEOS: PUMP PM & TESTING

Watch online on any device at

[TMSVacuum.com/video](http://TMSVacuum.com/video)



Don't wait for a crisis to meet the best friend a pump can have!

**309-756-0955**  
**[TMSVacuum.com](http://TMSVacuum.com)**



# EXCHANGE AND REPAIR PROGRAMS

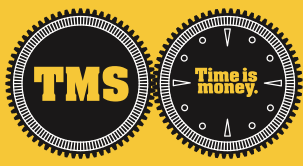
## OEM Warrantied Pump Without the Wait

Total Maintenance Solutions' pump exchange program delivers 100% remanufactured name brand pumps without the wait, and keeps your organization operating on schedule and within budget.

TMS exchange pumps help to avoid costly production or process downtime when pump repair is required or imminent. **If the size and type of pump you require is in stock, TMS will either bring you a pump or "same day ship" it to you if your PO# is received by 2pm CST.**

By using the TMS Exchange Program your broken pump is exchanged for the remanufactured pump, and you pay only for the repairs needed to bring your old pump back to OEM specs. You save on-site labor, and shipping costs, where applicable.

TMS warrants that all brand exchange pumps are free from defects in materials and workmanship at the time of shipment, meet or exceed the Original Equipment Manufacturers (OEM) specifications and we back all purchases up with our one year warranty.

 <b>Most Common Exchange Units:</b> <ul style="list-style-type: none"><li>■ Busch R5</li><li>■ Busch Panda WV</li></ul>	Pumps TMS Repairs (not limited to):	Gearboxes TMS Repairs (not limited to):
	<ul style="list-style-type: none"><li>■ Beach-Russ</li><li>■ Kinney</li><li>■ Rietschle</li><li>■ MD Blowers</li><li>■ Leybold</li><li>■ Goulds</li><li>■ Viking</li><li>■ Busch</li></ul>	<ul style="list-style-type: none"><li>■ Dodge</li><li>■ Falk</li><li>■ Browning</li><li>■ Makishinko</li><li>■ SEW-Eurodrive</li></ul>

### Track repairs every step of the way

TMS repairs nearly all forms of rotating equipment, and can remanufacture your pumps with a 12- to 18-month\* OEM warranty guarantee. TMS provides you detailed photos at a secure Dropbox page where you can review your pump's repair requirements, visually. Ask your service tech for a demonstration of TMS' online pump repair gallery, and samples of real time pump tracking documentation.



\* Ask about the TMS Partnership Program.

# ARE YOU USING THE RIGHT OIL FILTER?

## All Oil Filters are NOT Created Equal

Is there really a difference in filters? Simply put, yes, there is! Just because the filter fits doesn't mean it's the right one for the application. There are specifications that must be met when choosing a proper oil filter.

**And, the cost of down time, even for only a few moments, will quickly eat up any savings imagined by using a "cheap" filter.**

ALL costs should be assessed, not just of the oil filter itself, but rather the additional costs of possible downtime and repairs introduced by using the incorrect oil filter.

For example, filters designed for the automotive industry are not suitable for vacuum pump applications.

**Experience the TMS Difference from \$9.50 to \$16.00 per filter.**

The TMS team has performed in-depth analysis and comparisons of oil filters. The results have educated our customers about the loss of valuable time and money, by using incorrect oil filters.

We use the OEM for a baseline, and we consider it mandatory that in order for a filter to be considered "appropriate" it must contain these features:

- The bypass valve of the TMS oil filter is rated at 35 PSI in comparison to other filters rated at 8 or 11 PSI.
- Because of the horizontal orientation of the oil filter on a vacuum pump, OEM specifies an anti-drainback valve (ADV) in the oil filter. An oil filter without an ADV will allow the oil in the filter to run back into the sump, carrying with it all the contaminants the filter is holding.
- TMS OEM Filters capture particulates down to 20 microns in size.
- High dirt holding capacity, up to 49 grams.




# FOR SALE: RECONDITIONED PUMPS


## 1-Year OEM Warranty on All TMS Vacuum Pumps & Boosters

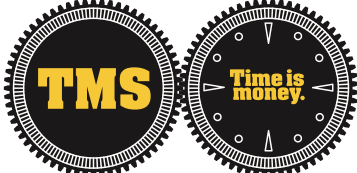
Total Maintenance Solutions (TMS) provides reliable, tested products and delivers customers fast and efficient turn-around, **resulting in reduced downtime and increased production.**

TMS reconditioned vacuum pumps and boosters have a one-year warranty equal to the OEM's - **substantially less than buying new.**



 **Need spares?**

 **Installing new lines?**



## THE TMS DIFFERENCE

All vacuum pumps and boosters are precision reconditioned to meet, or exceed, the Original Equipment Manufacturers (OEM) specifications. TMS also offers a Partnership Program to extend your 12-month warranty to 18-months.

- Over 100 years of combined experience in maintenance and rebuilding of vacuum pumps
- Many critical parts & consumables are manufactured by TMS to work better and last longer than OEM
- On-site machining, spray-welding, sand-blasting, dip-tanks, and paint booth ensures the best standards in the industry
- All vacuum pumps are hot tested to meet or exceed manufacturer's specifications before they are shipped.



**TMS can make sure your rotating equipment inventory is ready for any emergency.**  
Call 309-756-0955 or visit **TMSVacuum.com.**