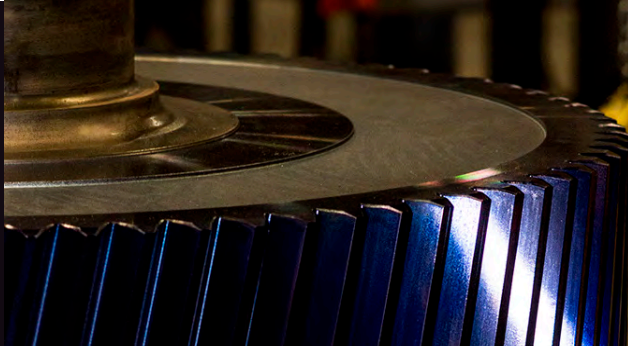


Get the problem fixed properly—and get to the root causes of the failure



INSPECT & REPAIR PROGRAM

Philadelphia Mixing Solutions Inspect and Repair (I&R) program for mixer drives provides comprehensive analysis and repair services performed by industry leading experts.

As a result, you can expect:

- Increased reliability and dependability
- High quality OEM repairs meeting stringent specifications
- Extended life for your equipment

Detailed reporting, including digital photos, are available along with tiered options for repair time, inspection steps, scope, and warranty coverage allowing you to choose the appropriate level of service for your operational needs. No need to issue an advanced purchase order to return unit for evaluation! Budgetary estimates are available upon request.

	BASIC	STANDARD	PREMIUM
TEARDOWN LEVEL	Partial	Full	Full
REPAIR LEVEL	Problem Only	Bearings, Gaskets, Seals	Completely Refurbished
TEARDOWN PHOTOS	✓	✓	✓
TEARDOWN REPORT		*	✓
ROOT CAUSE ANALYSIS		*	✓
CMM INSPECTION		*	✓
BLASTING & PAINTING		*	✓
EXTENDED WARRANTY			*
WARRANTY (months)	0	3	12
WARRANTY COVERAGE †	No Warranty	Labor & Parts	Complete
PICKUP/DELIVERY	*	*	*
REPAIR TIME	4 weeks	6 weeks	12 weeks
EXPEDITED REPAIR TIME ‡	2 weeks	4 weeks	6 weeks

* Service is available for additional fee. May increase the repair time.

† Warranty is per Philadelphia Mixing Solutions, Ltd. Terms and Conditions for Inspect - Repair Services and Related Sales. Contact factory for a copy.

‡ Expedited repair time is only available for Philadelphia Mixing Solutions, Lightnin, Chemineer, and Falk equipment.

DISCLAIMERS

Repair time is based on arrival at our dock, regardless of the party shipping the equipment, and ends when the unit is ready for pickup. PMSL will issue a repair quote after the initial teardown requirements have been performed. PMSL must receive a purchase order within two days of providing the quote in order to proceed with the repair and to meet the quoted repair time. Any delays in receipt of purchase order will also delay the repair time.

Availability of root cause analysis is subject to scope of rework performed. RMA questionnaire is to be completed when root cause analysis is requested.

Repair time is used to understand customer expectations and can be guaranteed on Philadelphia Mixing Solutions, Lightnin, Chemineer, and Falk Units for an additional fee.

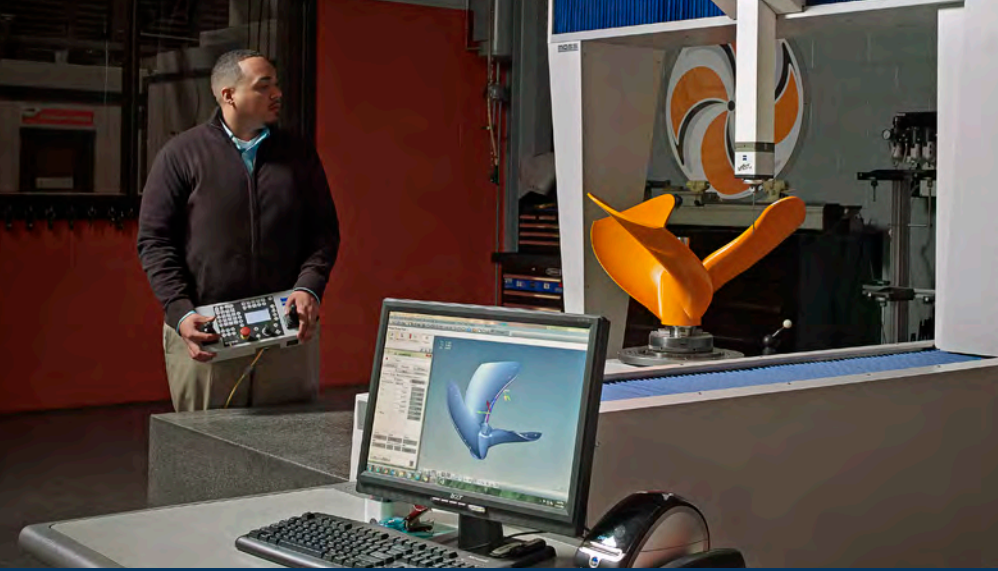
There is no ownership relationship between PMSL and Lightnin, Chemineer, or Falk.

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**MIXING
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LIMITED**

*Comprehensive analysis
and options to repair
top entry mixer drives*



**Need additional support?
Philadelphia Mixing also provides:**

- Highly skilled service technicians to travel to your site
- Dedicated trucks for enhanced onsite services
- Installation Assistance, Startup, Commissioning, Training, Troubleshooting, Diagnostics, and Field Surveys
- Regional repair capabilities surrounding Houston, Texas; and Palmyra, Pennsylvania
- 24/7 support for emergency break-down situations:
717-269-7829

INSPECT & REPAIR – Easy as 1, 2, 3

1. Return

- Complete the Return Material Authorization (RMA) request on our website.
- Receive the approved RMA in your email.
- Print the RMA and select the repair program and options that best suit your needs.
- Sign the RMA authorizing the teardown process and associated fees.
- Attach the RMA for to your equipment, skid it, and send it to the experts.
 - Save time by having PMSL coordinate the pickup (pre-paid & add, collect, or PMSL direct). PMSL direct pickup is available for customers within proximity of PMSL service centers. Service is at PMSL discretion, and subject to availability at the time of pickup request.

2. Inspect

- Teardown and inspection services will be performed based on the options selected.
- Teardown/inspection fees are only billed if you decide **not** to repair or upgrade.
- PMSL will contact you to let you know exactly what was found.
- You will be provided with a firm price and lead time to repair the equipment.
- According to the options selected, PMSL will also provide:
 - Root cause and failure analysis
 - Suggestions to improve equipment life
 - Upgrade suggestions and recommendations

3. Repair

- Issue a PO in order to proceed with the repair – you are in full control.
- Your unit will be repaired by PMSL's dedicated service team according to the results of the inspection and the repair program selected within the promised repair time.
- Your unit will be returned to you to be placed back into service.

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Side Entry Mixer INSPECT & REPAIR PROGRAM

	BASIC	STANDARD	PREMIUM	BSE+ UPGRADE
OEM REPLACEMENT PARTS	<ul style="list-style-type: none"> Inboard and Outboard Bearings Standard PMSL Cartridge Seal 	<ul style="list-style-type: none"> Inboard and Outboard Bearings Standard PMSL Cartridge Seal Seal Flange O-rings Belt Swivel Ball Seal (Swivel Angle Units Only) 	<ul style="list-style-type: none"> Inboard and Outboard Bearings Standard PMSL Cartridge Seal Seal Flange O-rings Belt Swivel Ball Seal (Swivel Angle Units Only) 	<ul style="list-style-type: none"> Agitator Shaft Inboard Bearing Assembly Outboard Bearing Assembly Standard PMSL Cartridge Seal Seal Flange O-rings Belt Swivel Ball Seal (Swivel Angle Units Only) PMSL Advanced Pitch Propeller Available For Sizes 08,10,12 Only
MECHANICAL SEAL PRESSURE TEST *	✓	✓	✓	✓
MOTOR MEG-OHM TESTING*		✓	✓	**
HOUSING BLASTING & PAINTING			✓	✓
NO LOAD SPIN TEST WITH PROPELLER INSTALLED			✓	✓
WARRANTY (MONTHS)	1	3	12	12
WARRANTY COVERAGE †	Labor & Parts	Labor & Parts	Complete	Complete
PICKUP/DELIVERY**	**	**	**	**
REPAIR TIME***	3 weeks	4 weeks	6 weeks	4 weeks
EXPEDITED REPAIR TIME ‡	1 week	2 weeks	2 weeks	

*Subject to test results – replacement and/or repair is at an additional cost, if elected.

**Service is available for additional fee. May increase the repair time.

***Repair time and price is based on PMSL standard mechanical seal and motor (when applicable).

Alternate seal and motor requirements may increase both price and repair time.

† Warranty is per Philadelphia Mixing Solutions, Ltd. Terms and Conditions for Inspect – Repair Services and Related Sales. Contact factory for a copy.

‡ Expedited repair time is only available for Philadelphia Mixing Solutions equipment.

DISCLAIMERS

Repair time is based on arrival at our dock, regardless of the party shipping the equipment, and ends when the unit is ready for pickup.

Repair time is used to understand customer expectations and can be guaranteed on Philadelphia Mixing Solutions equipment for an additional fee.



Philadelphia Mixing Solutions Inspect and Repair (I&R) program for side entry mixer drives provides repair services performed by industry leading experts.

As a result, you can expect:

- Increased reliability and dependability
- High quality OEM repairs meeting stringent specifications
- Extended life for your equipment

Program offers tiered options for repair time, inspection steps, scope, and warranty coverage allowing you to choose the appropriate level of service for your operational needs.

Every repair includes a multi-point inspection:*

- Agitator Shaft
- Motor Mounts
- Shutoff Insert
- Propeller
- Sprockets
- Thrust Plate
- Pulley
- Cover Guards
- Taper Bushings
- Belt Cover
- Mounting Flange
- Manway Flange



Use the opportunity to upgrade:

- BSE+ Key Feature Program
- Guardian Leak Detector System
- Auto-Actuator System for Swivel Angle Units

INSPECT & REPAIR – Easy as 1, 2, 3

1. Fixed pricing eliminates the need to issue a PO upfront, expediting the repair process.

2. Return

- Complete the Return Material Authorization request on our website and receive the RMA in your email.
- Print the RMA.
- Attach the RMA to your equipment, skid it, and send it to the experts.
 - Save time by having PMSL coordinate the pickup (subject to availability).

3. Repair

- We will repair per your level, but call you if multi-point inspection yields any additional findings with the repair – you are in full control.
- Your unit will be repaired by our dedicated service team according to the results of the inspection and the repair program selected within the promised repair time.
- Your unit will be returned to you to be placed back into service.

* Items reviewed during multi-point inspection may vary based on program level selected. Additional items found during inspection will be quoted as additional scope and may increase both price and lead time.



Need additional support?

Philadelphia Mixing also provides:

- Highly skilled service technicians to travel to your site
- Dedicated trucks for enhanced onsite services
- Installation Assistance, Startup, Commissioning, Training, Troubleshooting, Diagnostics, and Field Surveys
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