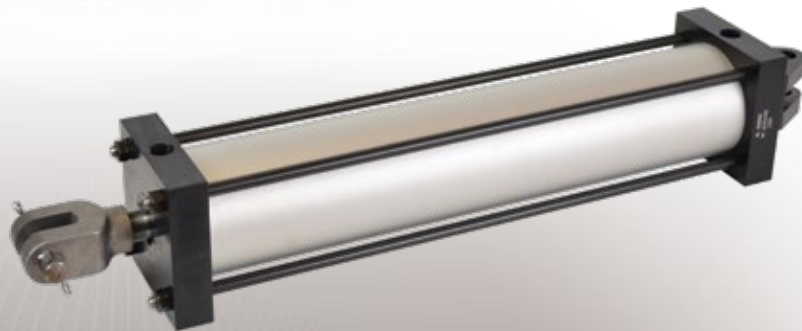


# HMA Storage Silo Cylinders

## *Asphalt Industry*

*Rugged design and long life for reduced downtime and increased production*



MASPHALT18A-EU



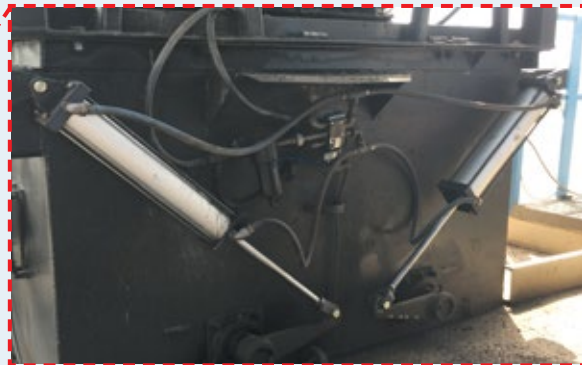
PHD is a member of the  
MAC Distributor Network



[www.phdinc.com](http://www.phdinc.com)

# We have the solutions to reduce downtime and increase production.

PHD offers an extensive line of standard pneumatic actuators that are known for long life and high quality. Over the 60 years of innovation, PHD has extended its product offerings to include built-to-need components, price alternative components, electric actuators, specialty workholding clamps, and motion control robots. From single actuator solutions to multi-unit systems, PHD can provide total solution flexibility for practically any application requirement.



**SHOWN:** 4" x 16" batcher cylinders



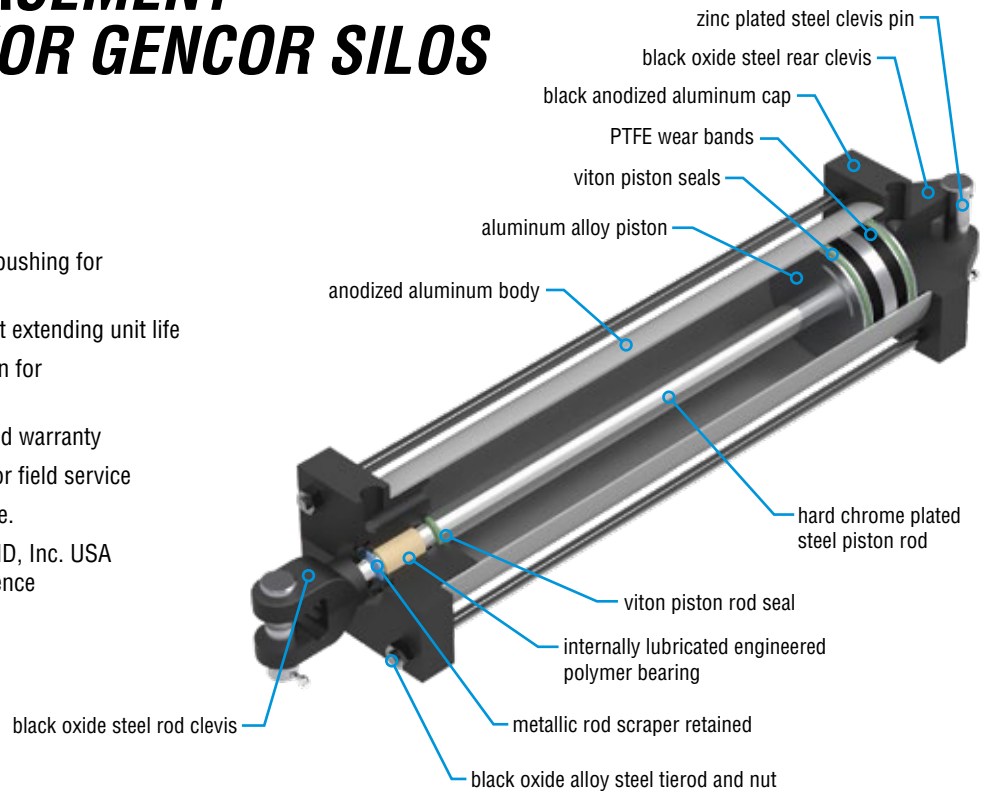
**SHOWN:**  
5" x 24" safety gate cylinders,  
6" x 20" discharge cylinders

(List marks of PHD which appear on promotional material) are either registered trademarks or trademarks of PHD, Inc. Any other marks or names referenced herein are either registered trademarks or trademarks of their respective owners. No association with or endorsement of any company, organization, or product is intended or should be inferred.

# NOPAK REPLACEMENT CYLINDERS FOR GENCOR SILOS

## SOLUTIONS

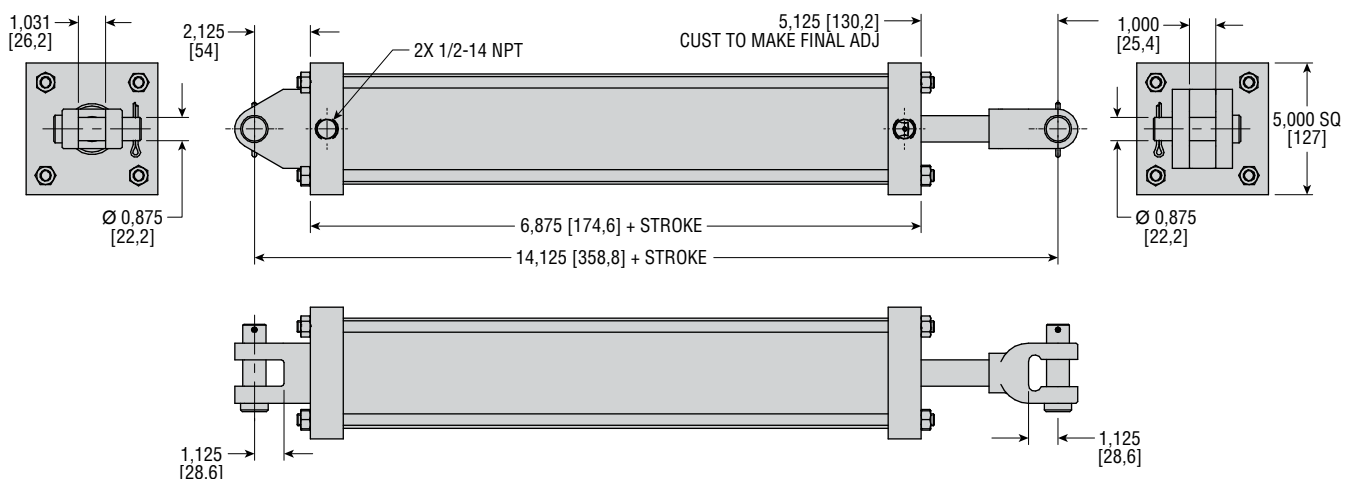
- Drop-in replacement mounting
- Piston wear bands and larger rod bushing for extended cylinder life
- Rod scraper for harsh environment extending unit life
- Ability to remove air line lubrication for less maintenance
- PHD rebuild program with extended warranty
- Competitively-priced rebuild kits for field service
- 4", 5", and 6" bore designs available.
- Designed and manufactured by PHD, Inc. USA with more than 60 years of experience



## ORDERING DATA & DIMENSIONS: 4" BORE ASPHALT CYLINDER



<b>ML316417</b>	-	<b>XX000</b>
<b>PRODUCT LINE</b> ASPHALT CYLINDER 4" BORE		<b>STROKE</b> IN 1" INCREMENTS EG: -16000 = 16" STROKE



# ORDERING DATA & DIMENSIONS: 5" BORE ASPHALT CYLINDER

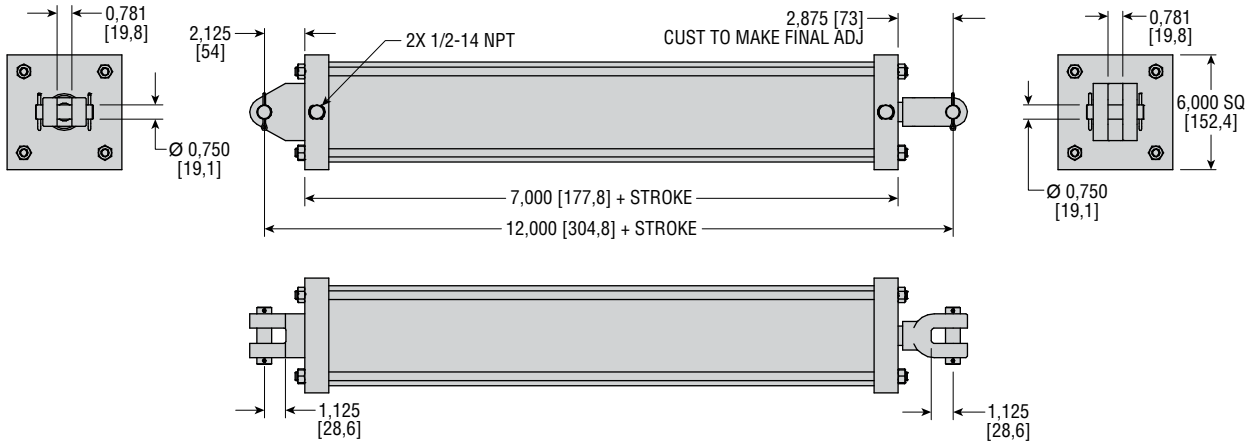


**ML316418**

**- XX000**

**PRODUCT LINE**  
ASPHALT CYLINDER  
5" BORE

**STROKE**  
IN 1" INCREMENTS  
EG: -24000 = 24" STROKE



# ORDERING DATA & DIMENSIONS: 6" BORE ASPHALT CYLINDER



**ML316419**

**- XX000**

**PRODUCT LINE**  
ASPHALT CYLINDER  
6" BORE

**STROKE**  
IN 1" INCREMENTS  
EG: -20000 = 20" STROKE

