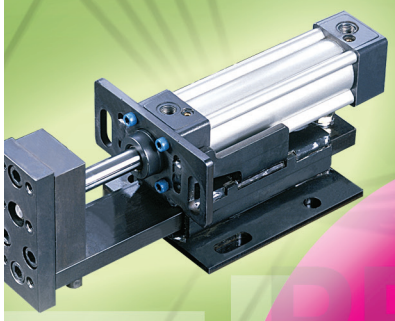
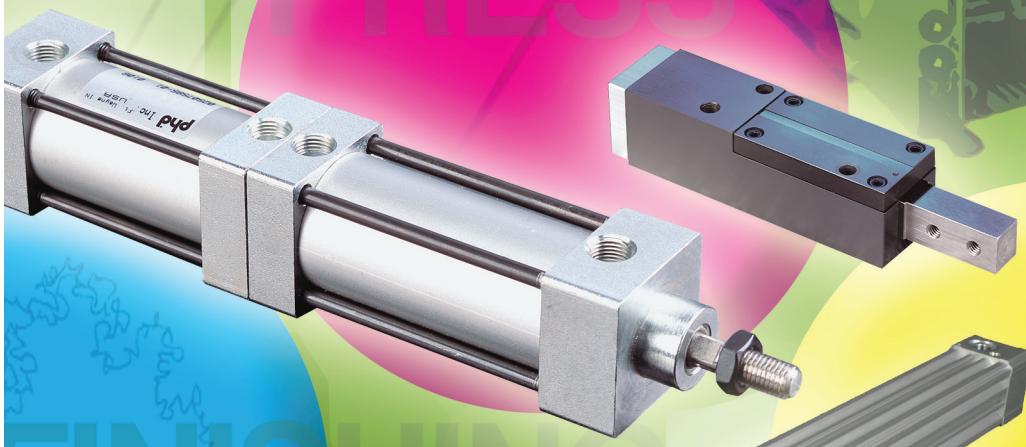
# Print

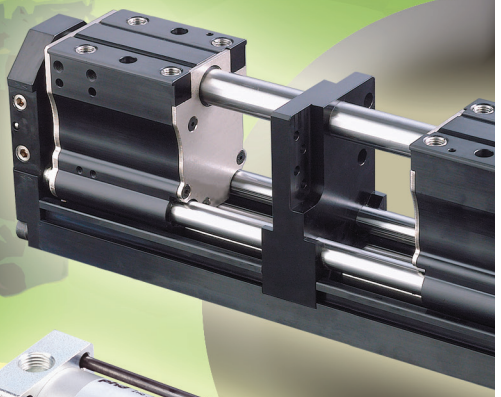
## LONG LIFE SOLUTIONS

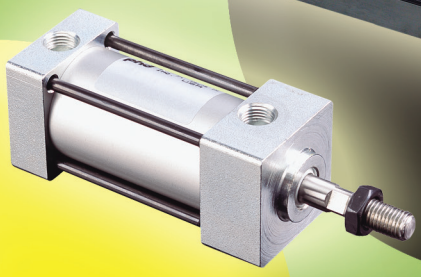
*from press to finishing*

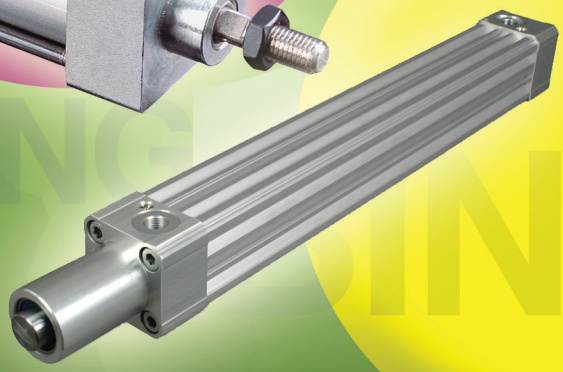
- *increase productivity*
- *reduce downtime*











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Quality Management System Certified

PRINTIND01A

MDN®

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SOLUTIONS FOR INDUSTRIAL AUTOMATION

PHD is a member of the MAC Distributor Network

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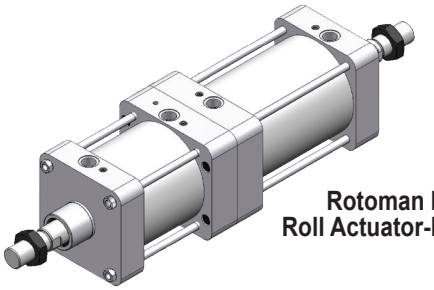
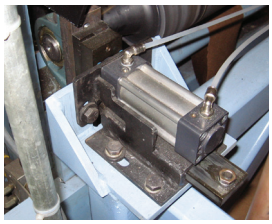
# From press to finishing, PHD has a long life solution.

PHD has solutions for the print industry. From press to finishing, we have long life products that will help minimize your downtime and increase your production. With over 50 years of automation experience, you can rely on our outstanding products, superior delivery and global support.

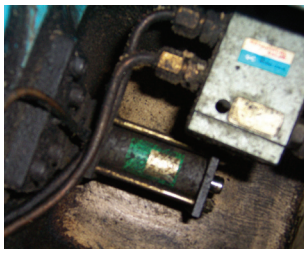


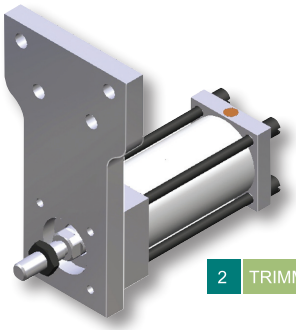
**Manroland Rotoman Impression Roll Actuator-ML#310595**



**Tensioner-PDK**

**Chock Lock-ML#305875**





5 WEB PRESS

4 DRYER

3 SHEET FED PRESS

2 TRIMMING

1 PAPER & INKS DELIVERED

14 STACKING & PALLETIZING

15 SHRINK PACK

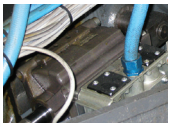
13 MAIL FULFILLMENT

16 STRETCH WRAP

17 SHIP

**Impression Cylinder -ML#310417**

**Speedmaster CD Series Presses Solutions-ML#310456**



**Universal Blanket Wash Cylinder -ML#311719**



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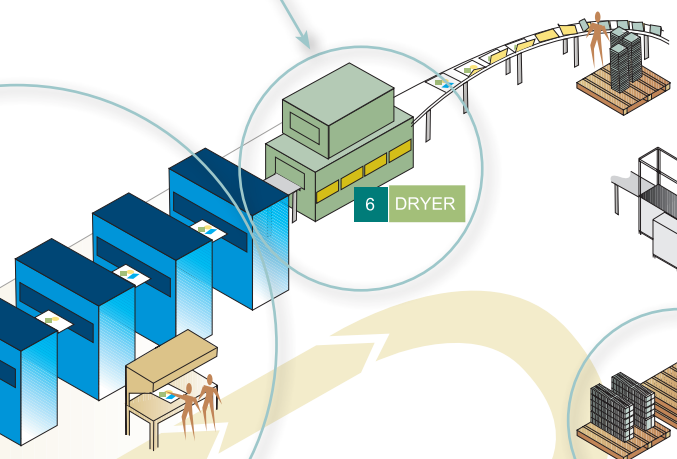
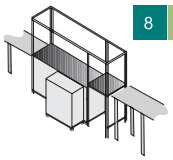
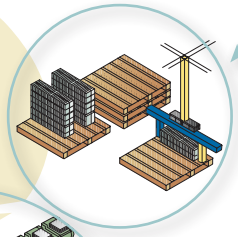
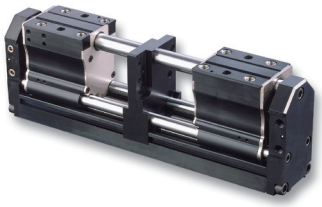
**Gate Cylinder-Back-to-Back AV**

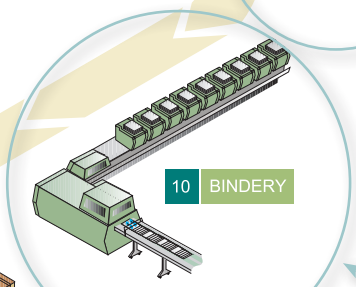


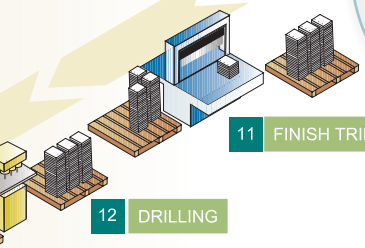




**Log Transfer Gripper-Q239550-99**



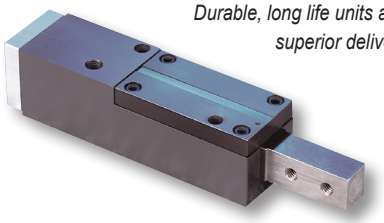





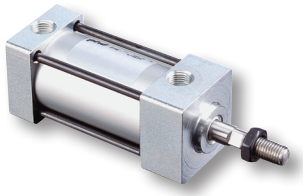




**Cover Deck Latch Escapement -ML#308969**

*Durable, long life units and superior delivery*



**Pocket Latch Cylinder -ML#309302 & ML#309303**



*This single escapement replaced the cylinder clevis and OEM slide. With only one moving part, the PHD design holds up to side loading stress.*

**Pusher Cylinder for Stacker -ML#308995**

# press,

## 3 Universal Blanket Wash Cylinder -ML#311719

- Universal mounting holes
- 40 mm bore x 10.5 mm stroke
- 16 mm rod dia.
- 1/8 BSPP ports
- Provides long life seals and bushings

## 3 Speedmaster CD Series Blanket Wash Cylinder Solutions-ML#310456

- Direct replacement for Heidelberg blanket wash cylinder
- 40 mm bore x 10.5 mm stroke
- 16 mm rod dia.
- 1/8 BSPP ports
- Provides long life seals and bushings

## 3 Impression Cylinder -ML#310417

- Replacement for Speedmaster Heidleberg press
- 100 m bore x 30 mm stroke
- Back to back
- MAC valve ready
- Provides long life and consistent speed

## 5 Manroland Rotoman Impression Roll Actuator-ML#310595

- Drop-in replacement for OEM unit on Rotoman models
- Back to back ISO cylinders
- Has increased bearing area for longer life
- Field tested
- Field repairable
- Part of PHD rebuild program with new warranty

## 5 Chock Lock-ML#305875

- Used to lock the roller on the press in place while the paper reel is transferred.
- Drop-in replacement for CKD Cylinder

## 5 Tensioner-PDK

- Applies tension to the paper during press operation.
- Drop-in for Manroland press

# drying,

## 6 Gate Cylinder-Back-to-Back AV

- Operates the dryer door
- Drop-in for Tec Dryer Series 80

# bindery,

## 10 Pocket Latch Cylinder -ML#309302 & ML#309303

- Actuates the bindery pocket.
- Drop-in for Heidelberg P15 perfect binder

## 10 Cover Deck Latch Escapement -ML#308969

- Allows selected book cover go into the binder when energized
- Reduces repair inventory
- Installs easily with all necessary fittings, tubing, and valve included

# transferring,

## 9 Log Transfer Gripper-Q239550-99

- Used to transfer logs from the stacking line to the pallet.
- High grip force
- Wide range of jaw travel
- Rugged design
- Low jaw deflection

## 14 Pusher Cylinder for Stacker -ML#308995

- Located underneath the rotating table in the stacker. Extends to push finished, stacked, and banded magazines onto the conveyor, then retracts back to the home position to push the next completed bundle.
- Provides longer life and less than half the cost per competitor unit
- Dramatically decreases repair kit cost
- Longer life on position sensors - Solid State vs. Reed
- Longer life on flexrated cordset with lower cost

### What are ML numbers?

An ML number is given to a special unit at PHD that was uniquely made to our customer's specifications. PHD is proud to offer our customers variations of our standard product range. We currently have over 34,000 MLs already designed. Whatever your application, PHD is likely to have your solution already in our database!

phd® SOLUTIONS FOR INDUSTRIAL AUTOMATION

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