Cylinder Reconditioning & Manufacturing

At HFW Industries, our goal is to be the leader in the integration of high-performance surface restoration and enhancements by combining the latest manufacturing technology with more than 60 years of experience.

WE SPECIALIZE IN CYLINDER RECONDITIONING FOR HIGH-VOLUME, WEB-OFFSET PRESSES.

While our capabilities are extensive, the HFW operation is guided by simple core values: Do quality work every time, Provide great service, Charge a fair price, Deliver on our promise. These values ensure that we do your job right... from start to finish.

Open Pricing
When your press components arrive, we put our 60-plus years of industry-leading knowledge to work, conducting a full inspection of each cylinder. This allows us to provide you with detailed recommendations for the work scope to be performed and an itemized estimate of the cost. Only after receiving your approval, will we begin work. The result? A quality reconditioning, without surprise processing expenses.

Quality Assured
Whether we are manufacturing original equipment cylinders or reconditioning to OEM specs, quality is our priority. Our dedicated cylinder manufacturing cell houses state-of-the-art equipment in a climate controlled environment. Working alongside our team of manufacturing engineers and journeymen machinists is our Quality Control personnel monitoring every job through each operation to ensure the final product meets or exceeds the required specifications and tolerances. HFW is ISO 9001:2008 registered which assists us in our drive for continuous improvement.
Reliability
Manufactured new or restored to OEM specs, when a cylinder ships from our facility it is ready to be installed.

CYLINDER MANUFACTURING
Plate cylinders, Blanket cylinders, Impression cylinders.

CYLINDER RECONDITIONING
Plate, Blanket & Impression cylinders
- Thermal spray and chrome plating
- Duragap™ Slot edge restoration and protective edge
- Journal repairs
- Bearer change-outs
- Precision machining
- Dynamic balancing
- Finish grinding
- Folding Cylinders
- Jaw Cylinders
- Fountain Rolls
- Bearing Cartridges
- Miscellaneous Components

Duragap™
Our proprietary Duragap™ process provides a hard, corrosion resistant welded gap that prevents thermal spray coatings from chipping, extends cylinder life and improves print quality.

360 Inspection
Before we ship our cylinders, our Quality Control team of engineers performs a comprehensive inspection of all components and provides complete documentation that tolerances are met or exceeded.

Why HFW?
Simply put, HFW is the One Source for comprehensive print cylinder manufacturing and rebuilding services. Our state-of-the-art manufacturing facility, 60 years of experience, focus on quality and commitment to customer service have made us the choice of the high-volume, web-offset printing industry world-wide.

For additional technical data on HFW manufacturing and repair capabilities, please email us at sales@hfwindustries.com or call 716.875.3380 to discuss how we can work together to reduce the costs and lead times of your manufacturing and repair requirements.

Call us today at 716.875.3380 or visit reconditionedprintcylinders.com for more information.
Capability Overview

PRECISION MACHINING
Lathes: To 50” Diameter x 312” Long / 54” Diameter x 160” Long
CNC Lathes: To 40” Diameter x 200” Long
Milling - CNC: To 55” x 67” Rotary Table
Conventional: To 62” x 68” Rotary Table

THERMAL SPRAYING
Plasma
HVOF
Wire Metallize
Six Axis Robot / Automated Positioning

WELDING/HARDSURFACING
Plasma Transferred Arc
MIG – TIG – Arc – Sub Arc

ASSEMBLY DEPARTMENT
General Assembly Tooling & Equipment
Brush Plating
Dynamic Balancing

PRECISION FINISHING
Cylindrical Grinding: 24” Diameter x 26’ Long
Internal Grinding: To 36” x 18’ Stroke
Surface Grinding: 12” x 24’ Table
Super Finishing: 36” Diameter x 26’ Long

INSPECTION / LABORATORY
Coordinate Measuring System
Measuring Equipment to 60” OD / 60” ID
Surface Finish, Hardness, Ultrasonic Testing
Metallography Laboratory