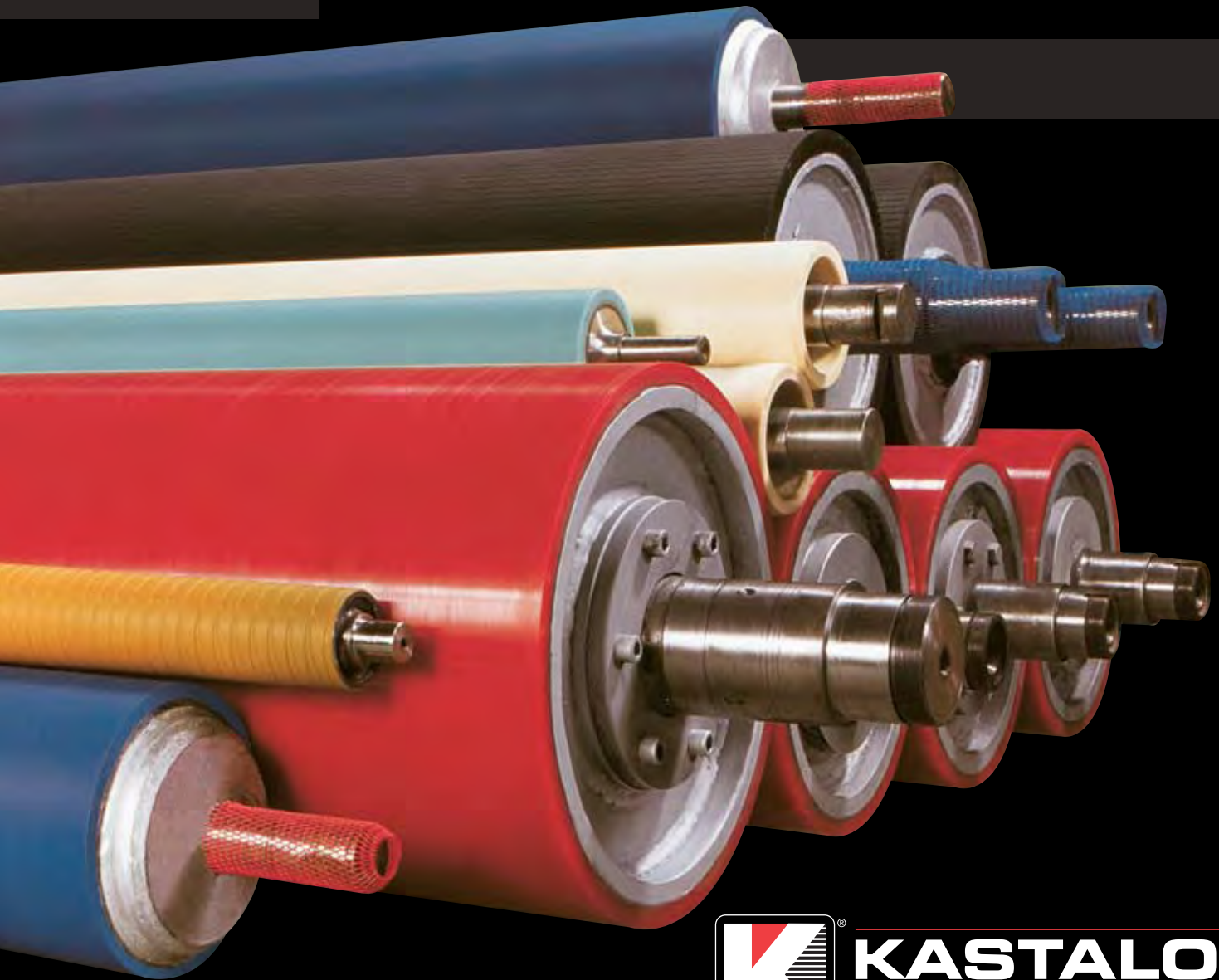


ROLLER COVERING SOLUTIONS

FABRICATION
RECOVER



REPAIR



KASTALON
POLYURETHANE PRODUCTS

PRECISION SURFACE FINISHES

In addition to accurate cast finishes, a roller's surface can be ground or machine finished to improve concentricity and surface texture.

Our greatest expertise is in producing complex finishes. Utilizing C.A.D. and C.N.C. machining technologies, we provide precise tolerances, precision surface finishing, grooving and crowning.

Depending on the application and environment of the roller, a number of precision ground surfaces can be selected.

FINISHES

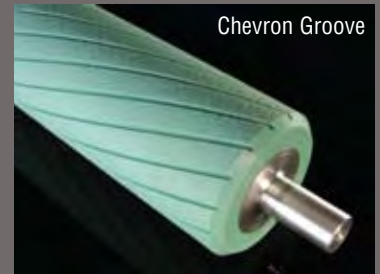
- Polish
- Smooth
- Buff
- Tool-Cut
- Crepe
- Sure-Grab®

GEOMETRIES

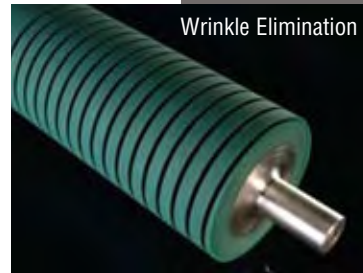
- Straight & Round
- Stepped
- Straight Crown
- Taper/Trapezoidal Crown
- Convex/Radial/Parabolic Crown
- Flat Taper/Directional Taper
- Concave

GROOVE PATTERNS

- Herringbone
- Web Spreader
- Diamond
- Razor Slit
- Spiral
- Chevron



Chevron Groove



Wrinkle Elimination



Diamond Groove



Spiral Groove



Tool-Cut Finish

KASTALON POLYURETHANE

PRINTING ROLLS INDUSTRIAL ROLLS PAPER MILL ROLLS

Shore A Durometer

20 30 40 50 60 70 80 90 95

TEFLON

Shore D Durometer

45 55 65 75 85

NYLON



Rockwell R

50 70 90 100 110 120 130 140 150

ACRYLICS

PHENOLICS



Custom Roller and Wheel Services From Start To Finish

Since 1963, Kastalon has set the bar in manufacturing of roller covers and cores for a wide range of markets. We offer complete roller services from the simple recovering of used rollers to core repair, bearing assembly, balancing, and new core construction. We can work from samples, drawings or provide design and engineering assistance to develop the most effective solution.

Kastalon, an ISO 9001:2000 certified company offers chemistry and design assistance to ensure that the material selected will provide exceptional physical properties over a wider hardness range than any other elastomer material.

INDUSTRIES SERVED

- Metal Processing
- Building Products
- Machinery Manufacturing
- OEM
- Mining
- Packaging and Processing
- Government Agencies
- Food Processing
- Can Making
- Material Handling
- General Industrial

RECOVER OR REGRIND?

We are sensitive to our customer's needs and recognize that breakdowns can be catastrophic. Therefore, we strive to refurbish and return a roller as quickly as possible. We can assist in determining whether a recover is necessary or if a simple regrind will be acceptable.

CORE REPAIR

Detailed inspections can be performed upon arrival to determine the repairs necessary. Kastalon will provide complete restoration from journal end renewal to complete stripping and roll recovering, upon request.

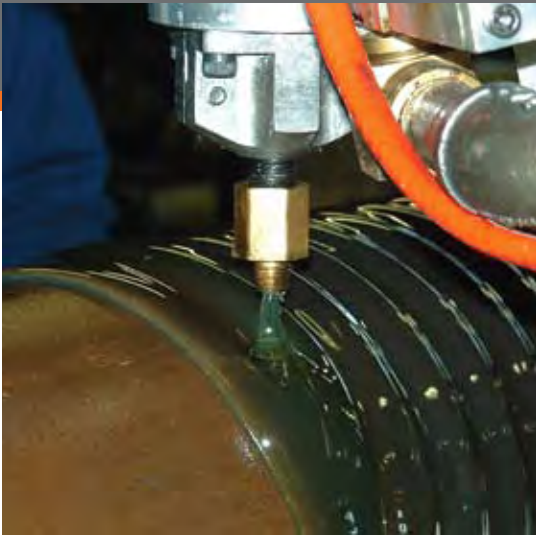
CORE FABRICATION

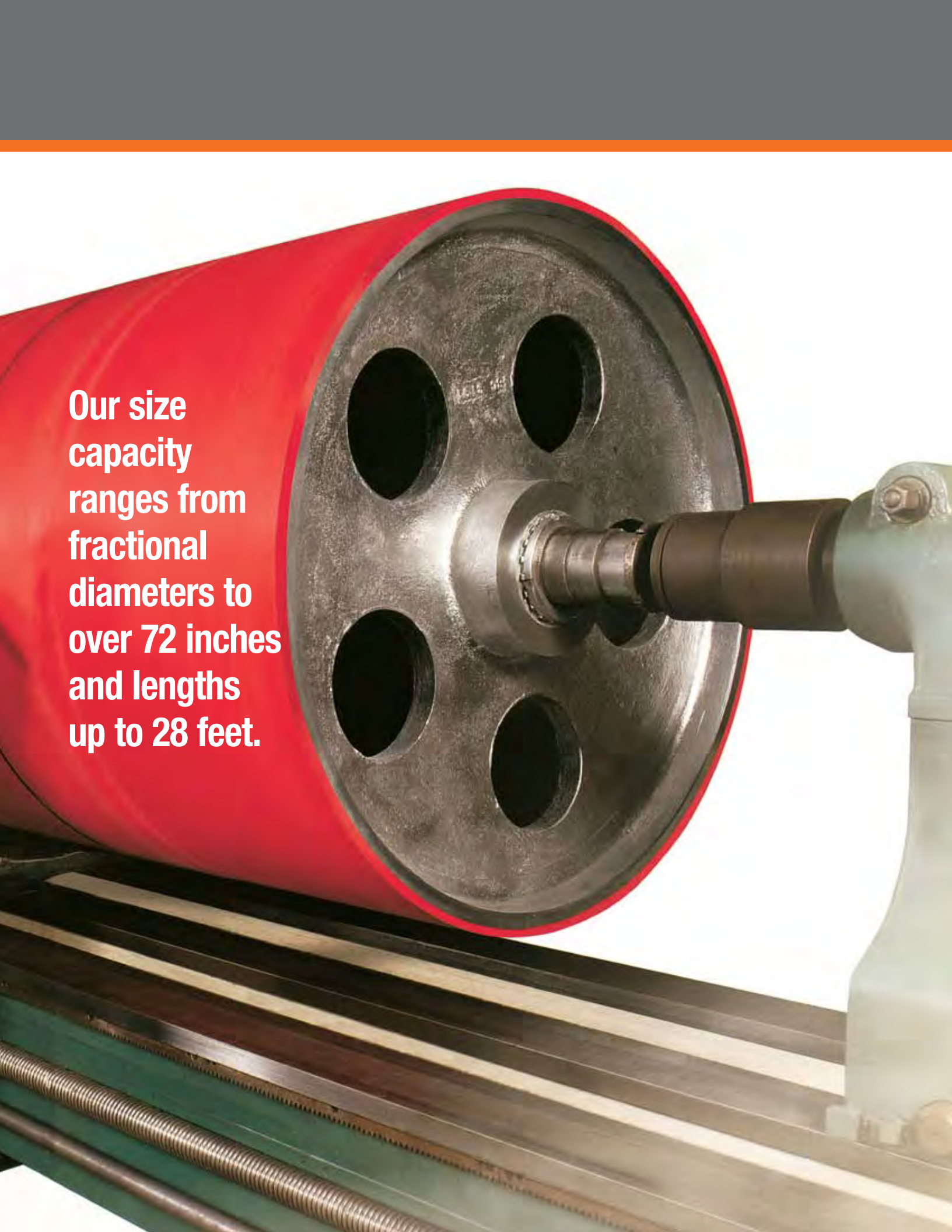
From our customer's drawings or sample rollers our precision machine shop can manufacture a roller from start to finish. Our design and engineering team is available to assist in material selections and assessment of the specific function to ensure that the roller is built to meet the needs of its environment.



FDA Rollers

- FDA approved for wet, dry and fatty food environments
- Available in 50 – 95 Shore A and 70 Shore D materials
- Easy wash down
- Long life



A large red industrial machine, possibly a lathe or mill, is shown in operation. The machine has a prominent red cylindrical body. At the end of the cylinder, there is a large, circular metal end cap with four circular holes arranged in a square pattern. A tool, likely a drill or end mill, is positioned to work on the center of the end cap. The machine is mounted on a bed with several parallel metal tracks. The background is a plain, light color.

**Our size
capacity
ranges from
fractional
diameters to
over 72 inches
and lengths
up to 28 feet.**



KASTALON
POLYURETHANE PRODUCTS

4100 West 124th Place / Alsip, Illinois 60803
708.389.2210 / FAX: 708.389.0432
1.800.KASTLON (527-8566)
www.kastalon.com