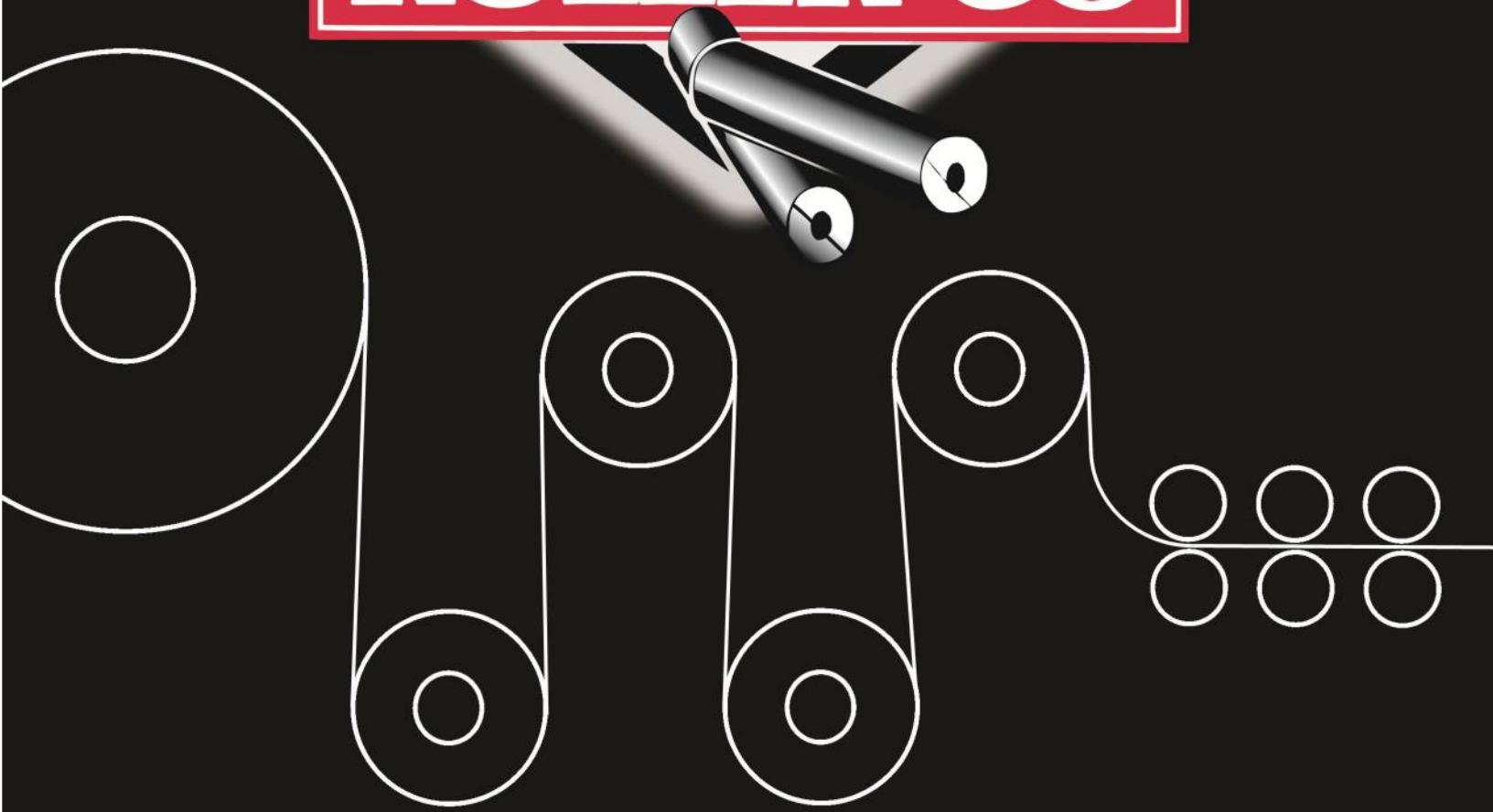




MENGES
ROLLER CO



**Roller
Products & Services
for
Coil Processors**



Roll Solutions for Metal Processors

The Only Industrial Roller Source You'll Ever Need

Since 1966 Menges Roller Company has served customers in the steel processing, coil coating, and aluminum finishing industries by fabricating the highest quality precision-engineered industrial rollers. We also deliver outstanding roll repair and maintenance services. Our capacity, quality and range of services is unmatched.

With over 40 years in the sector, we understand your processes, machines and needs - Menges Roller helps you to run faster, eliminate downtime and improve your product quality.

We fabricate rolls up to 30 feet long, cover in almost any elastomer (including our award winning Tiger Max) and use the newest CAD software to engineer the most durable, longest-lasting rolls on the market today.

Where Menges Fits In

Our strength lies in fabricating, repairing and covering the rolls you use every day:

- Accumulator Rolls
- Pinch & Squeegee Rolls
- Bridle Rolls
- Passline Rolls
- Tension Stand Rolls
- Contact Rolls
- Feed Rolls
- Snubber Rolls
- Guide Rolls
- Layon Rolls
- Hold-Down Rolls
- Coil Expander Rings
- Rolls for Stretch & Leveling Machines

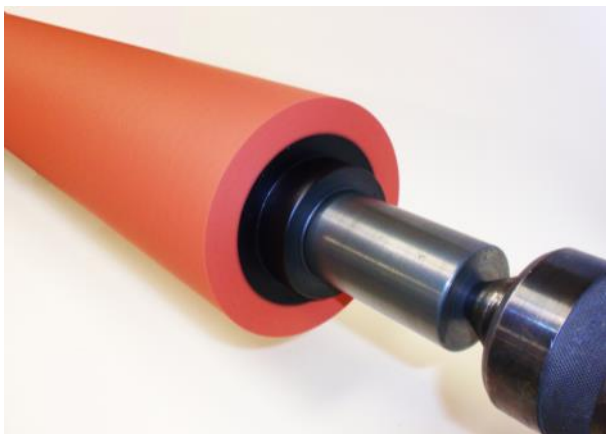
What We Do

We have a complete fabrication and rollcovering facility. Menges manufactures and maintains rolls up to 30 feet long and 48 inches in diameter.

- New Roller Fabrication
- Recovering Rolls with New Coats
- Repair of All Roller Areas
- Chrome Plating / Re-Plating
- Two-Plane Dynamic Balancing
- Crowning & Roll Profiling
- Thermal Spray Applications



For replacement rolls, Menges saves you money versus OEM replacements. We can reverse-engineer your old roll, fabricate a new exact match, and cover it with any elastomer on the market - including Tiger Max - our 80 durometer cut & abrasion-resistant thermal-plastic urethane compound.



This squeegee roll is used in a stainless polishing shop. We replaced the journals, stripped the old silicone, then recovered the roll with a new high-release silicone.



We make rolls for many OEMs involved in steel processing. These stainless steel rolls are for an OEM that makes steel finishing machines: two have a standard double-endplate design, and two are double-shelled, spiral-baffle liquid-filled chill rolls, designed to cool the stock as it hits the roller face.

Roll Fabrication & Tiger Max - Strength and Performance from Core to Cover - Only at Menges:

The Menges Roller fabrication plant manufactures precision-engineered rollers up to 30 feet long & 48 inches in diameter. Tiger Max is an award-winning thermal-plastic urethane compound developed by Menges Roller Company. This rollcover is specially formulated to withstand the harsh environments of coal coating and steel processing operations.

Tiger Max: Saves Money & Time

This rollcovering material is tested tough, with superior load bearing capabilities, cut & abrasion resistance, and outstanding chemical resistance.

- Hardness Shore A: 65-95
- Tensile Strength (PSI): 2,600-8,000
- Tear Strength: 350-1,500
- Compression Set: 25-82
- Chemical Resistance: Excellent
- Abrasion Resistance: Excellent

Tiger Max has been proven to outlast conventional coil process rollcovers by as much as 50% !

Speak to your Menges Sales Engineer about applying Tiger Max to a Menges-fabricated new roll or as a re-cover for an existing roll.



These bridle and squeegee rolls were fabricated & coated in-house with our award-winning Tiger Max thermal-plastic urethane. Menges has large-scale fabrication facilities and extensive coating capabilities, all in-house.



This squeegee roll will be used in a pickling line. We designed, fabricated and covered it at our facility near Chicago. We also offer pickup & delivery services via our in-house trucking dept.



Solid steel rolls like these are a specialty at Menges Roller. These work rolls, for a steel processor, are being inspected before delivery.



This heavy-shaft roll was covered with a Menges proprietary elastomer compound. After in-house vulcanization and final circumferential grinding, our technician is measuring to verify the customer's specific diameter has been achieved.



This contact roll, which drives a belt for a steel finisher, was fabricated to replace the OEM's worn-out roll. We reverse-engineered the old roll and made this exact match at a much lower price vs. the cost of a replacement roll from the OEM.

Specialty Services & Products - Features that Improve Your Operational Efficiency

At Menges Roller, we're fixated on every aspect of industrial rollers. We conduct industry-leading research and development. We continually seek new technology and materials to improve roll performance and durability. And we consistently invest in the personnel and machinery necessary to deliver products to help you run faster, waste less and improve efficiency.



This crepe finish was requested by a large aluminum processor. These are feed rolls for a slitting line, hence the gripping finish.

Specialty Finishes

The rollcover material, groove pattern (if any) and finish choice help to produce a roll's material-handling traits.

Your Menges Sales Engineer can help you determine a finish that suits the requirements of each roll in your line.

Available Finishes for Covered Rolls

- Ultra-High Polish
- Smooth Finish
- Sawblade Finish
- Crepe Finish



Dynamic Balancing - Run Smoother at Higher Speeds

When operating at higher speeds, unbalanced rollers perform poorly; they can induce slower linespeeds, damage to stock, and shortened equipment lifespans.

To ensure smooth roller operation - even at high speeds - we offer a very effective two-plane dynamic and static balancing service. With specialized roll handling equipment and proprietary software, the Menges engineers can measure a roll's performance at any speed. Small weight and balance modifications are then made to induce a smooth operation at any speed.

We help customers run smoother and faster - it's what we do every day.



SuperSpanders - Handle Any Coil, Any I.D.

With 40-plus years serving coil processors, we understand your challenges.

We manufacture custom rubber coil expander rings that allow coil processors to handle larger ID coils. They also buffer the harsh contact between the coil mandrel and the ID of the coiled steel.

Menges SuperSpanders virtually eliminate coil end scrap. The results are higher yields per coil, reduced waste and decreased operational costs.

Engineered for durability, our SuperSpanders are formed from a durable yet flexible elastomer. See your Menges Sales Engineer for more information.



Run Faster - Run Smoother - Speak to Your Menges Sales Engineer

At Menges Roller, we know each customer is different, with unique machines, processes, materials and needs. So the Menges team of engineers and representatives analyzes each situation individually. Most of our products are custom-built, which ensures the delivery of solutions that fit your exact needs. Our goal is to give you the highest-performing solution.

Just call or email our offices to get started - we'll help you run faster, smoother, and more efficiently.

Sales@MengesRoller.com
www.mengesroller.com

260 Industrial Drive
Wauconda, IL 60084

Phone: 847-487-8877
Fax: 847-487-8897

