The one company for all your web handling needs

Because Maxcess provides parts and service for every stage of the web, we can often spot trouble areas before they become a problem. This allows us to improve the efficiency of your operation and help eliminate downtime with innovative, cost-effective and reliable products.

- A single resource for Fife, Tidland, MAGPOWR, Webex, Valley Roller, Menges Roller and Componex products and services
- Factory-trained representatives understand how Rubber Covered Rolls, Precision Rolls, Guiding, Inspection, Slitting, Winding and Tension Control can work together to improve efficiency
- Modern manufacturing facilities throughout the world provide consistent service and support in any region

Global Maxcess Presence
Having a global presence means more than a responsive, convenient sales presence. It also means vertical integration with local manufacturing and service locations throughout North America, Europe, India and China. This allows us to offer unrivaled value worldwide, with the ability to have local contact with Maxcess no matter where you are. With a combined 340 years of knowledge between our brands, nobody can match our expertise in web handling applications, installation, innovation or customization.

Sales & Service
Maxcess provides the largest factory-direct sales and service team in the industry. We’re there where you need us, when you need us, anywhere in the world. This international framework ensures a sustainable and consistent level of service and support for our customers in any region.
It all started with the invention of the first web guiding system more than 80 years ago. Since then, we have continued to engineer and develop truly innovative web guiding and inspection products, providing solutions to increase web efficiency and productivity.

**Guiding**
From the thinnest plastic film to the thickest steel strip, from the narrowest webs to the widest rolls, Fife delivers a full line of advanced guiding systems and products to meet the needs of any application.

**Metals/Strip**
Off-tracking problems can force slower line speeds and cause damage to your equipment, roll coverings and even the strip itself. Fife offers a full range of rugged, yet precise products designed to handle the extreme demands of strip guiding.

**Guiding**
- Pre-wired, fully integrated web guiding systems
- Web Guide Controllers
- Power Units
- Sensors
- Actuators
- Positioners
- Offset Pivot Guides
- Steering Guides
- Unwind/Rewind Guides

**Metals**
- Strip guiding Systems
- Furnace Guides
- Hole Detection
- Capacitive Sensing
- Inductive Sensing

**Inspection**
- Video Enhanced Web Inspection Systems
Since inventing the first air shaft 65 years ago, we’ve striven to build products that are durable, designed for easy use and engineered for reliable, long-lasting operation. This experience has led to the development of the industry’s most effective winding and slitting systems.

**Slitting**

Tidland is the leader in slitting technology, offering advanced products and systems to fit virtually every application. From a single knifeholder to a fully automatic system, we deliver innovative slitting solutions designed to meet ever-increasing standards of quality, while helping you enter new, untapped markets.

**Slitting Products**

- Electronic and Pneumatic Knifeholders
- Slitter Positioning Systems
- Fully Automated Shear Slitting Systems
- Mechanically Linked Slitting Systems

**Winding**

Our extensive line of shafts and chucks for unwind or rewind applications is unparalleled. And with more than 65 years of winding experience, our knowledge and expertise is unmatched. Tidland leads the way with innovative new products and continuously improves our existing product designs to make them even more durable and easier to use.

**Winding Products**

- Core Shafts - Unwind and Rewind
  - Ergonomic
  - Differential
- Mill-Duty Air Shafts
- Great Expansion Shafts
- Narrow Web Shafts and Core Holders
- Pneumatic Brakes
- Safety Chucks
- Core Chucks
- Shaftless Chucks
- Crushed Core Restorers
Accurate tension and torque control is crucial to the success of any web process. For more than 40 years, we have led the tension control industry by engineering products that consistently outperform the competition and deliver results.

**Tension Control**
From our simplest sensor to our most advanced digital controls, MAGPOWR products are the result of hard-earned experience and unmatched application expertise.

Our commitment to delivering the best possible control solution for your application is a big reason why MAGPOWR has the largest installed base of tension control systems in the industry. Whether you’re converting or printing, working with paper, film or wire, MAGPOWR provides the tools you need to get the job done right.

**Products**
- Load Cells
- Load Cell Tension Controllers
- Tension Readouts
- Dancer Controllers
- Diameter-based controllers
- Magnetic Particle Clutches and Brakes
- Pneumatic Brakes
- Permanent Magnet Brakes and Clutches
- Tension Sensing Idler Rolls
Maxcess Precision Rolls has the capacity, engineering support and rolls experience for your needs. With six precision rolls locations to serve you, Maxcess Precision Rolls provides custom engineered roll cores from Webex, standard configured Idlers from Componex (with a 5 day lead time), and a large range of rubber coverings from Valley Roller.

Webex Heat Transfer Rolls
Webex and Menges have compiled a wide range of design options to manufacture the most efficient Heat Transfer and Chill Rolls. Our engineers evaluate roll size, internal geometry and fluid dynamics to develop the most efficient roll for each application.

Our engineers rely on industry experience and advanced computerized software analysis to predict what the exact thermal performance of each Heat Transfer Roll will be. By controlling the diameter and flow of fluid velocity, our Heat Transfer Rolls can be accurate to within ±0.5° C (±1° F).

WINertia™ Idler Rolls by Componex
5 Day Delivery! The fastest lead time in the industry
The Componex Dead Shaft Idlers (smooth and air vent “AV”) include built-in “air vents” - lateral grooves that remove trapped air. This maintains constant web traction at speeds up to 3400 FPM. In addition, it prevents web scratching, slipping, sliding and outperforms smooth and spiral grooved rolls.

Balancing weights are placed at the center of the roll and are locked into the balancing chambers by design, ensuring the cannot fall out. By balancing across the entire face of the roll, you will see a reduction in whip and vibration. Our dynamic balancing spec is ISO 1940 G6.3 at 2000 FPM. Componex also offers proprietary coatings that meet the 5-day delivery guarantee.

Products
- Heat Transfer Rolls
- Vacuum Rolls
- Bowed Rolls
- Live Shaft and Dead Shaft Idler Rolls
- Paper Rolls
- Carbon Fiber Rolls
- Loaded Rolls for Calendering, Embossing, Laminating and Casting
- ASME-Certified Pressure Vessels
**Webex Vacuum Rolls**
- Vacuum zone angles configured to match the web wrap
- A wide variety of custom options
- Adjustable vacuum zones for varying web widths
- Flame spray coatings for release and traction
- Clean room and cantilevered designs

Protective screens provide consistent grip across the entire width of the web, and extra protection for sensitive materials. We offer a wide variety of screens and coverings to prevent marking of delicate webs.

**Our Vacuum Rolls are Ideal For:**
- Controlling/transporting webs with coating or adhesives on one side
- Controlling webs made of sensitive materials, such as optical film
- Web positioning and control at high speeds
- Handling and stabilizing webs in low-tension operations
- Webs requiring a pull roll without a nip
- Separating layers of a web
- Web tension isolation
- Replacing nip rolls and S-wraps for improved safety and reduced scrap

**Webex Idler Rolls**
Our engineers have the expertise to assist in the selection of the perfect idler roll solution. When an application requires high speeds, heavy loads, tight tolerances or all three, we have the solution that you require. With the ability to choose from multiple options for coating, plating, finish, groove patterns, shaft style, and environmental capabilities such as high temperature or clean room requirements, the selection of an idler roll can be made with the confidence that it will perform reliably for a very long time.

**Valley Roller Rubber Covered Rolls**
We have been designing, manufacturing, repairing and creating custom rubber compounds for a wide range of applications since 1984. Through our integrated approach to customer service and manufacturing, we provide the highest level of service, accuracy and quality control for every order. Whether you need rolls repaired or replaced, ordering one or 100, we will strive to meet or exceed your expectations every time.

**Maxcess Precision Rolls Services**
- Engineering and design
- Roll and journal repair
- Chemical analysis
- Machining
- Dynamic balancing
- Rebuilding and regrinding
- Core manufacturing
- Grooving and crowning
- Acid/soy flushing
- Bearing removal, inspection and replacement
- Reverse engineering