

Products for Machine Builders



**Industrial
brushes for
in-process
deburring,
honing, edge
radiusing and
finishing**

**Track rollers for
motion control
systems**

OSBORN[®]
INTERNATIONAL
A Unit of Jason Incorporated

Superior Performance for Automated Brushing Systems

The reputation of the Osborn brand rests on over a century of collected experience. That's why machine builders depend on us for unsurpassed quality and consistency for brushing systems.

Osborn carries a broad product offering of crimped and knotted wire, TY™ encapsulated wire, and ATB™ abrasive nylon brushes to support a wide variety of applications, such as:

- **Metal finishing**
- **Machined and molded part deburring and edge radiusing**
- **Tube end and sawed extrusion deburring**
- **Rubber and plastic flash removal**
- **Internal bore finishing**
- **Cutting tool insert honing**
- **Glass and mirror polishing**
- **Plastic, wood & rubber texturing**

Osborn brushes in automated systems produce accurate, consistent results, with increased product life for less downtime. They are ideal for automotive, aerospace, and other advanced engineering applications.

You can leverage Osborn's experience into your system's performance by taking advantage of our Industry Product Specialist team's expertise. Our staff provides product testing on your customer's parts and helps you determine feed rates & brush speeds for the best cycle times. We invite you to tour our applications lab and speak to our experts about designing your system with Osborn brushes.

ATB™ Wheel Brushes



▲ Four Brush Configuration



▲ ATB™ Composite Radial



Robotic Applications



ATB™ Composite Discs



Internal Brushes



◆ Eight Brush Configuration



ATB™ Color Coding System

- | | |
|------|----------------------------------------------------------------------------------------------------------------------|
| 60 | This unique feature lets you quickly and easily identify the right brush for the application, even after heavy wear. |
| 80 | |
| 120 | |
| 180 | |
| 240 | |
| 320 | |
| 500 | |
| 600 | |
| 1000 | |

TY™ Encapsulated Brushes



Centerless Brushing



Wire Brushes



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Superior Performance for Motion Systems

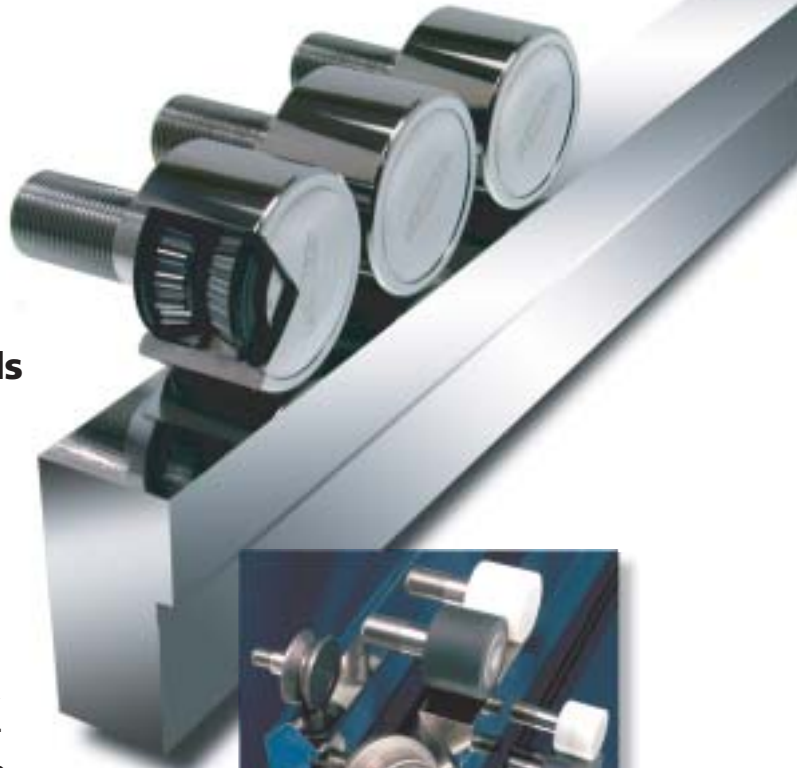
Load Runners®

Load Runners® from Osborn are designed for top performance in heavy load bearing motion systems. Originally engineered by Osborn for use in extreme environments such as foundry applications, Load Runners offer advantages not found in similar brands:

- **Case-hardened machined steel treads**
- **Precision tapered roller bearings or deep-groove ball bearings withstand radial and thrust loads**
- **Sealed to lock in lubrication, lock out contaminants**

Both stud and yoke rollers are available in plain, flanged, and v-groove styles, as well as hardened Load Rails track in 1", 1.5" and 2" widths, to minimize fabrication time.

A new line of special styles including nylon or urethane tread, stainless steel and high-temp resistant Load Runners are also available, in-stock and ready-to-ship.



▲ New Load Runners styles: nylon and urethane tread, stainless steel and high-temp resistant



Applications include:

- **Robotics**
- **Carriage transports**
- **Multi-axis linear motion guides**
- **Contaminant and coolant exposure**
- **Conveyor**
- **Medical equipment**
- **Construction equipment**



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Cam Runners®

Control linear motion for lighter loads with Cam Runners cam followers. They offer a number of advantages over needle bearing rollers for improved performance:



- **Composite tread material never requires lubrication**
- **Non-sparking**
- **Chemical resistant and submersible**
- **Quiet operation**

In continuous duty applications under identical conditions, Cam Runners product lifespan is up to 10 times greater than steel cam followers! Ideal for difficult-to-service operations.