

# WEBB WHEEL PRODUCTS Innovative wheel end solutions



### Customer focused.



### **The WEBB Advantage**

For over seven decades wheel-end customers have been depending on Webb to provide the highest quality products with unmatched customer support. Our commitment to manufacture the world's best brake drums, rotors, calipers, hubs, and spoke wheels is strengthened by continuous improvement in both products and processes. We invest \$millions in research and development and in advanced manufacturing technology so we can deliver innovative products that offer true competitive advantages to our customers:

- Brand recognition
- 6000+ points of distribution
- World class manufacturing



- Automated processes ensure consistent quality
- Complete product line in-stock & ready to ship



- Quickest lead times in the industry
- Dedicated, focused sales force
- In-house capabilities
  - -State-of-the-art R&D Center
  - -Dynamometer
  - -Prototyping foundry
- In-house or on-site product training
- As part of Berkshire Hathaway we have the resources to keep you ahead of the curve

### **Webb Manufacturing**

Our investment in manufacturing technology helps Webb offer outstanding products at very competitive prices. Millions of dollars are invested annually in automated high-speed lines (including robotics, vision systems and electronic measuring systems) to improve efficiency so we can take even better care of our customers. Industry-leading, high-volume manufacturing capability ensures our products are readily available coast-to-coast.



Webb provides employees the latest equipment and technology in order to give you the best possible products. Tour any of our state-of-the-art manufacturing facilities and you will meet talented men and women who take satisfaction in a job well done. In fact, Webb employees have an average service time of more than 18 years.

#### **Webb Manufacturing Facilities**



#### **Quick Facts:**

- 4 Manufacturing facilities
- 750,000+ combined square feet
- 3 Million+ units per vear
- Over 18 Year employee tenure

### **Research & Development**

Webb innovation begins with the voice of the customer. We listen carefully and apply advanced technology to identify the issues that matter the most to our key customers. Then we focus a team of engineers supported by the equipment and resources they need to develop the solutions.

Onboard instrumentation captures the information we need to develop solutions

Vehicle Deceleration

Brake Temperature

Wind Speed

Wheel End Temperature by Time of Day

Wheel End Temperature by Time of Day

Wheel End Temperature by Time of Day

Overall Average Operating Temps After Braking

450

Overall Average Operating Temps

understanding customer issues. Working on-site alongside our customers, Webb engineers gather "real world" data from customer vehicles over time. Quantifying issues with data leads to engineered solutions that make a measurable difference. We prototype innovative ideas and test them on the road and on the world-class Webb Dyno in our R&D Center. Then we take what we learn to develop the next generation of wheel-end solutions to help our customers cut operating costs and improve the efficiency of their business.





## Results driven.

### **Innovative Products**

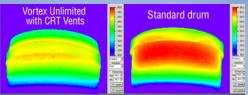
**BRAKE DRUMS.** Webb solutions deliver products that run cooler, last longer and perform better... all for the customer. Webb Vortex® brake drums illustrate the point perfectly.

The patented design features cooling fins that increase surface area for improved heat dissipation.

NEW Patented CRT<sup>TM</sup> vents increase air-flow to reduce operating temperatures. A patented wear indicator saves time and helps you get maximum product life.







**Webb Vortex® brake drums** with CRT vents run 15% cooler and last 25% longer. These infra-red photos taken on the Webb dyno show the same moment during a braking event. Compare the heat (red color) and you can actually see that Webb Vortex runs cooler.



**Webb LifeShield™** Webb partnered with a fleet in the heart of the salt belt to install rotors with and without LifeShield™. The LifeShield™ rotors generated little to no corrosion or rust on the ABS teeth or veins after 26 months of operation.

**ROTORS.** Webb offers a complete line of ADB and Hydraulic rotors. Select part numbers are offered

with Webb LifeShield<sup>TM</sup> heat treatment process which creates an invisible protective layer across the entire rotor surface. It fights corrosion and delivers 2x wearable product life.



forces between the hub

the assembly process.

and drum during

**ADB CALIPERS.** Webb UltraGrip™ calipers are

engineered for performance and include many

features to improve functionality and serviceability.

### **NEW Webb** Steel Shell Drum

**Lighter, stronger design** features a one-piece outer shell with a fused cast iron brake liner resulting in **15%+ weight savings** compared to standard cast drums.

Evenly distributed high-strength, cast iron brake liner delivers superior brake performance

Lightweight composite — drum provides significant weight savings compared to standard cast drums



### **Customer Support**

The Webb Advantage is more than high quality products; you get unmatched customer support at every turn. We understand that the more you know about wheel-end technology, the greater your opportunity to cut wheel-end operating costs. That's why Webb is the industry leader for product support and customer training.



- Webb offers hands on, classroom, or online training events
- Our online training toolbox offers free training documents, installation videos, and certification tests
- Our mobile app gives you instant access to interchange information, product specifications, and up-to-date literature

Contact your local Webb Wheel Products supplier for training that can cut your operating costs! We're absolutely focused on serving your wheel-end needs now ... and down the road.

## Over 6,000 Points of Distribution Across North America!

Get local parts and service support from the most recognized brands in the industry.



### Webb provides training to help you cut wheel-end operating costs











Videos

On-site



www.webbwheel.com

on brake drum selection and wheel-end installation, and we'l send a token of our appreciation





