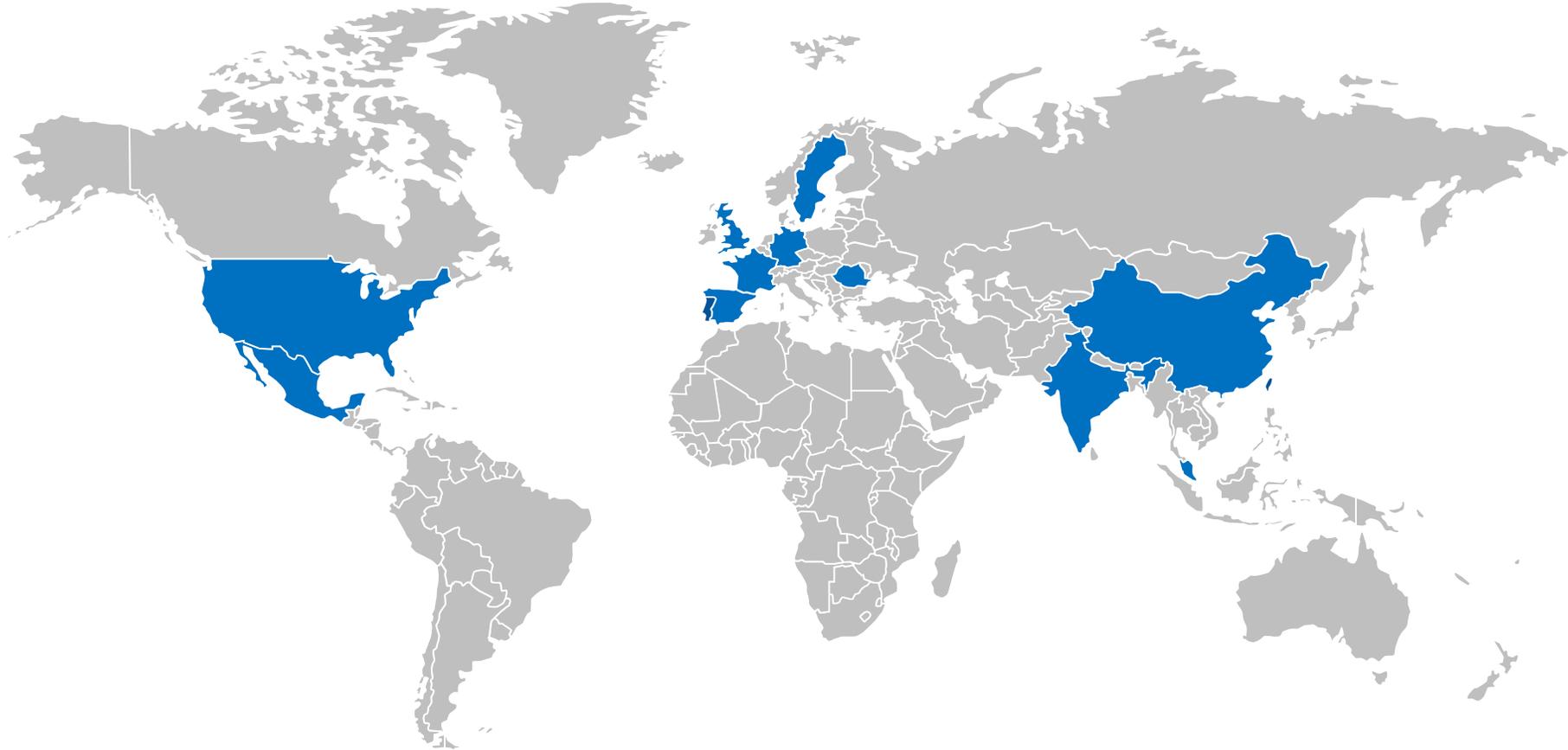




Who We Are, What We Do.

# Osborn Around the Globe

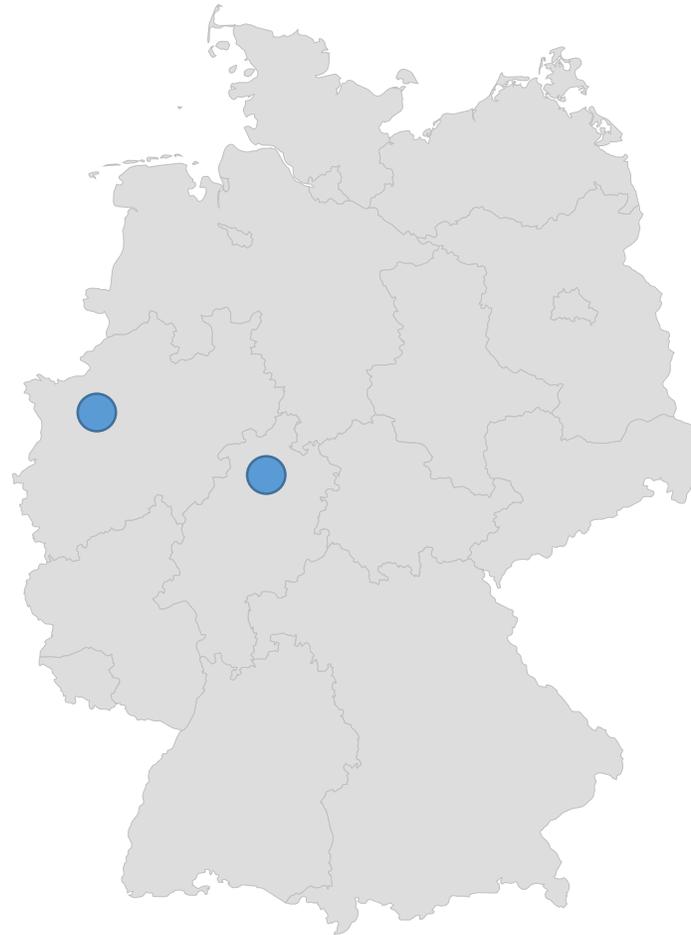


**13 sales- and manufacturing locations, 1.200 employees, service in 120 countries**

# Made in Germany



Osborn Polishing Compound  
Manufacturing in Haan near Solingen



Osborn Brush- and Roller  
Technology Manufacturing in  
Burgwald

# Why Osborn



**Innovative and  
customized solutions**



**Technical Expertise**



**Customer Support**



**Products of  
Highest Quality**



**Worldwide presence**



**Application Engineers**



**Trainings**



**Quick Delivery**

# Industries Served



Used in virtually any production environment that involves metal cutting or cleaning.

Pipeline And Energy



Automotive



Welding



Aerospace



Primary Metals

# Applications



Deburring



Pipeline:  
Production,  
Laying, Pigging

Rust Removal

Proven technology and superior application support, backed by over 130 years of experience, allows Osborn to deliver solutions to your customers.

Polishing

Weld Preparation  
and Cleaning

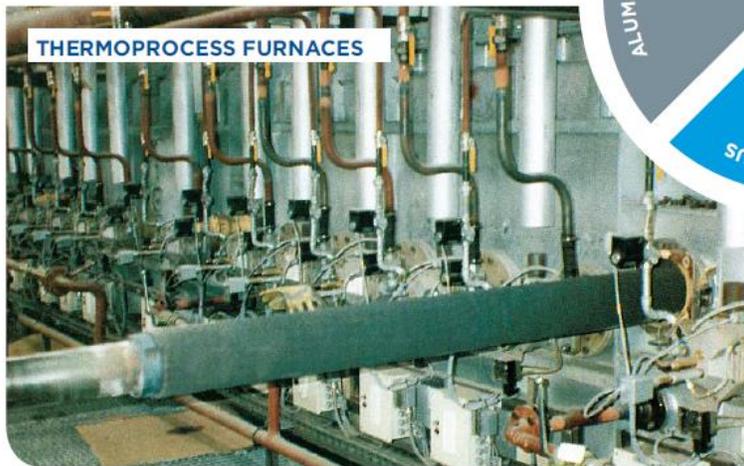
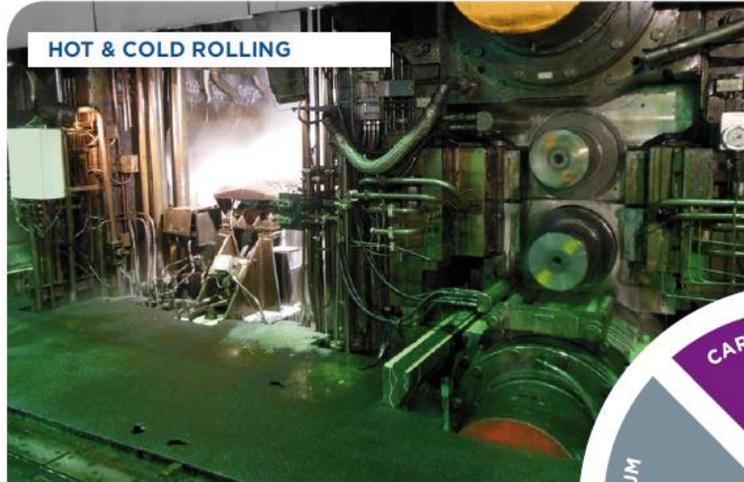


Maintenance

# Application Fields – Primary Metals



Your Partner for High-Performance ROLLERS in Aluminum, Carbon Steel, Stainless and Non-Ferrous Coil and Sheet Metals Processing



Degreasing  
Washing  
Cleaning

Activation

Polishing  
Finishing

Descaling

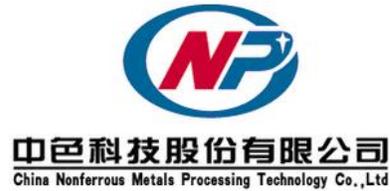
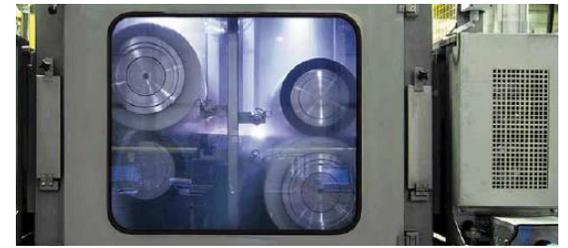
Wringing  
Oiling  
Tension  
Ironing

Transportation

# A Few of our Customers



# Primary Metals - OEM



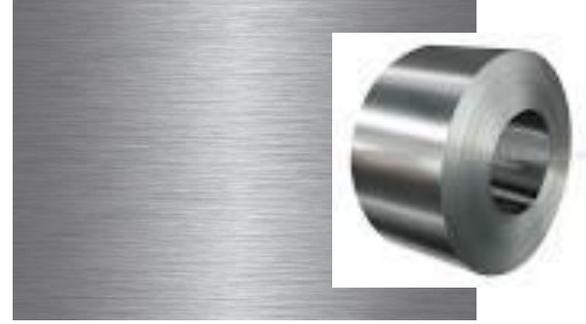
...and many others

# Primary Metals – Carbon & Electrical steel



...and many others

# Primary Metals – Stainless Steel



Acciai Speciali Terni



outokumpu



...and many others

# Primary Metals– Aluminium & Non Ferrous



...and many others

# Our Portfolio



# Industrial Brushes



Brushes

Cleaning, Rust Removal, Paint Removal, Dusting, etc.



- Power brushes
- Microabrasive brushes
- Internal cleaning brushes
- Brushes for maintenance
- Filaments are from wire, natural fiber, synthetic or abrasive materials
- For the use on angle grinders, power drills, high-speed machines or stationary machines or for manual use

# ATB® Deburring Tools



ATB® Brushes

Deburring on CNC-Machines, Machining centers or robot cells



- Hightech brushes for automated deburring
- For use in machining centres, CNC lathes and milling machines and robot cells
- Direct adaptation on tool holders
- For immediate deburring after the machining process
- Abrasive filaments with Siliciumcarbide, ceramics or diamond in different grit sizes and diameters
- Different fill patterns

# Polishing Tools



Polishing Tools

For Cutting, Polishing, Colouring or Satinizing



- Polishing buffs and satinizing rollers for industrial usage
- Mikropolishing tools
- Polishing and satinizing tools for for hand-held machines and manual processes
- Variety of materials (cotton, sisal, non-woven...)
- Various folds, quilting, etc.
- Different impregnations possible
- Various adaptations to different tools
- Made in Brito/Portugal

# Polishing Compounds



Polishing Compounds and Pastes

- Polishing pastes and emulsions in large containers
- Polishing emulsions in tubes and tins
- Solid compounds in bars and robotic bars
- Perfectly matching our Osborn-made polishing tools
- For manual and automated polishing processes
- Made in Haan/Germany

For manual and automatic polishing



# Strip Brushes and Composites

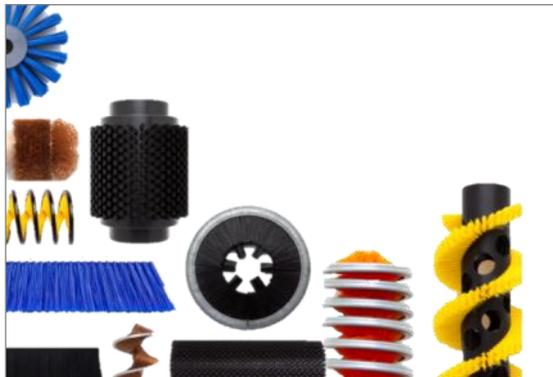


Switch Protection - TurbFly



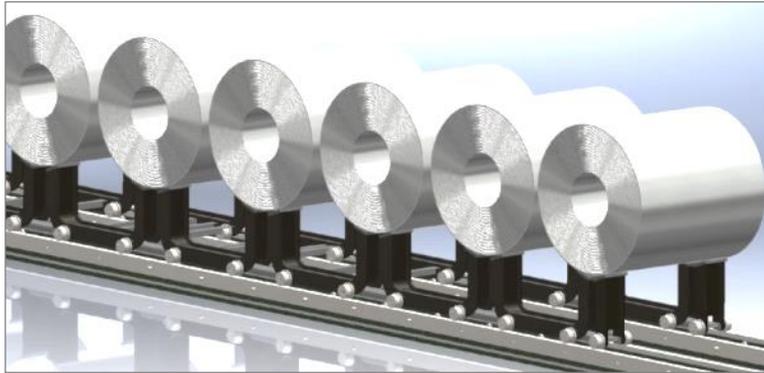
Maintenance System – Broomate

For sealing, guiding, holding, guiding and cleaning



- Stripbrushes
- Brush Composites
- Punched Brushes
- For sealing, guiding, holding, and cleaning
- Special products: Broomate and TurbFly
- Made in Burgwald/Germany and Richmond/USA

# Idler Rollers



Idler Rollers and  
Cam Followers

For guiding and transporting of heavy loads



- Heavy-duty idler rollers, cam followers for high-capacity precision load handling - also in severe environments
- Matching Rails
- Available in sizes from 26 mm to 300 mm
- Maintenance-free lubrication and seal system
- Made in in Richmond/USA

# Roller Technologies



Roller Brushes

E.g. in Hot and Cold Rolling Mills, Thermoprocess Furnaces, Annealing-, Pickling-, Press- and Blanking Lines



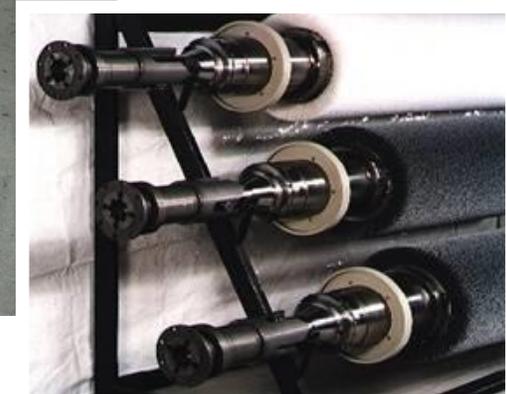
- Brush rolls (Standard, HDL Premium, Helimaster Premium)
- Furnace rollers (Aluminium, Carbon Steel, Electric Steel, Stainless Steel)
- Non-woven rolls (Premium, Standard, Chemical, Bridle)
- Non-woven abrasive rolls (Lipprite®, Lipprox®)
- Made in Burgwald/Germany



# Roller Technologies - product range



# complete brush rolls including bearing units



Ready to install for use in the processing line

# Roller Brushes – (re)filling of the shafts



**Directly spiral wound onto customer's or new shafts**

# Internally Welded Sections



Each brush face-width can be divided in a corresponding numbers of single, compact sections 24

# Roller Brushes mounted onto tube-body



**suitable as disposable or reusable system**

# Roller Brushes Loose Spiral Coils



**Good solution for recoiling at Osborn Service Centers**

# Single Ring Brushes

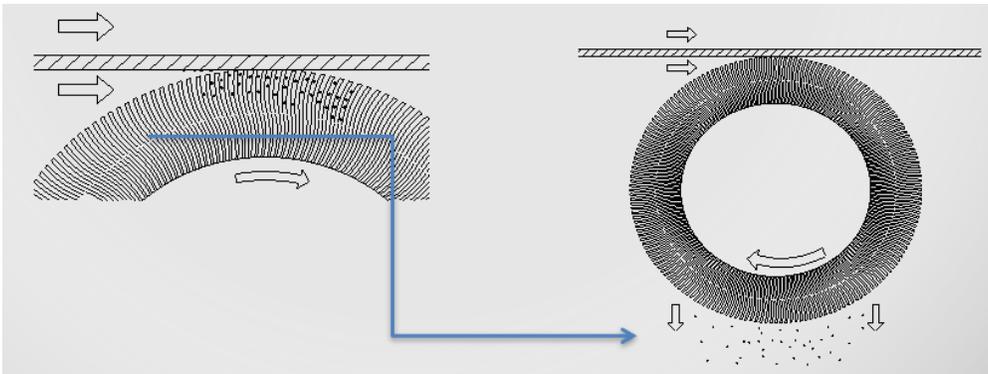


The system is suitable for heavy abrasive descaling brushing

# Osborn Furnace Rolls

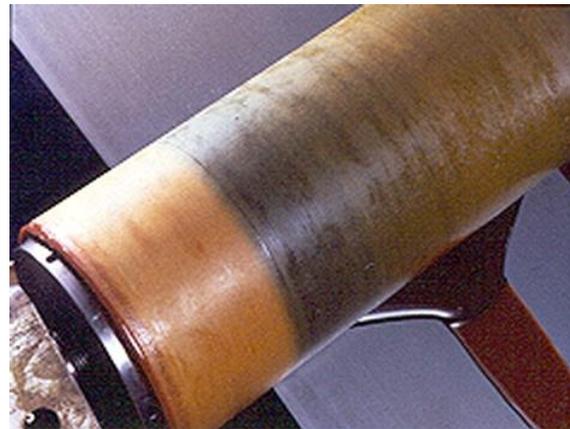


Up to 1200 °C



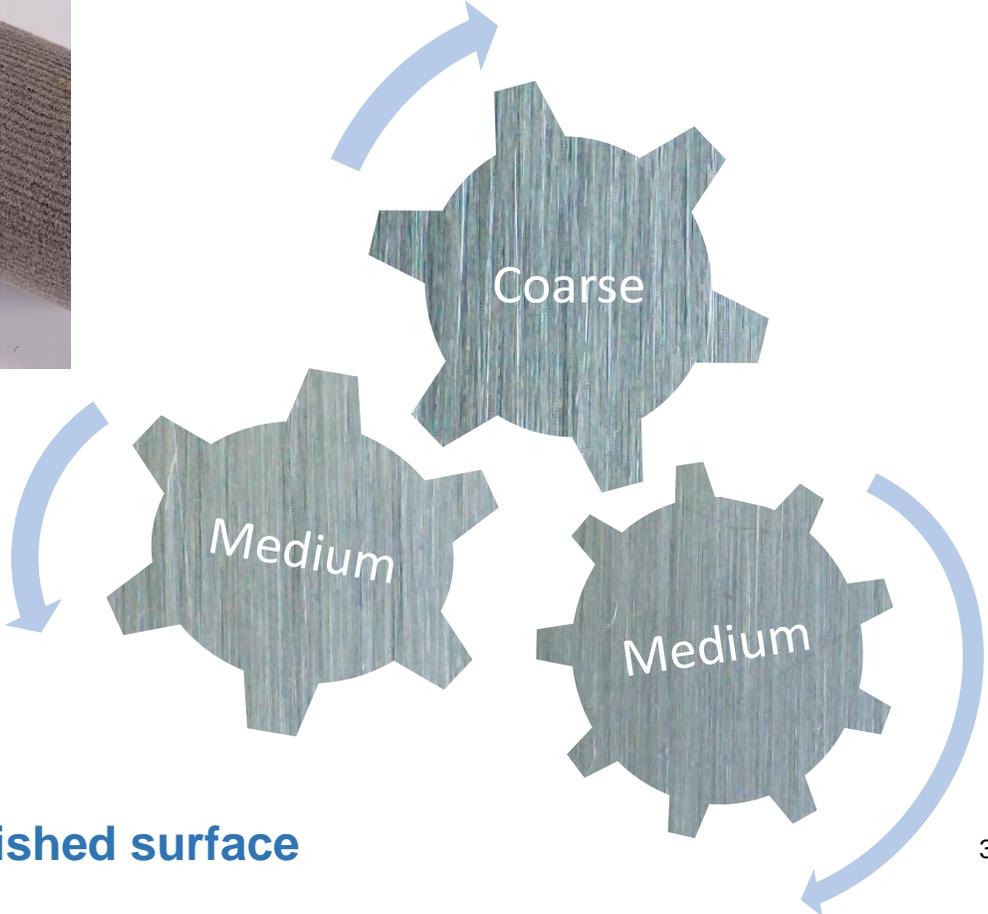
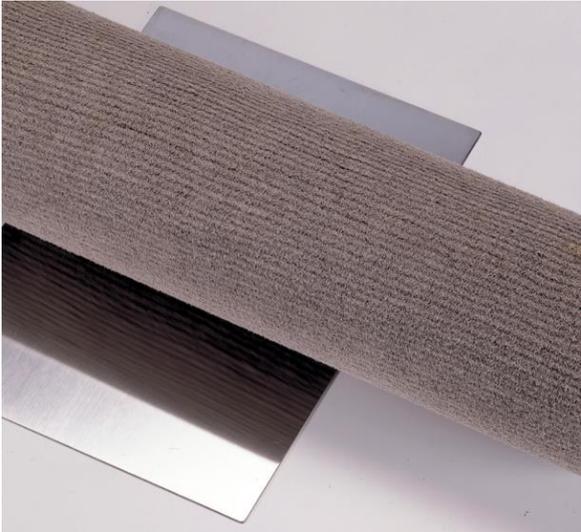
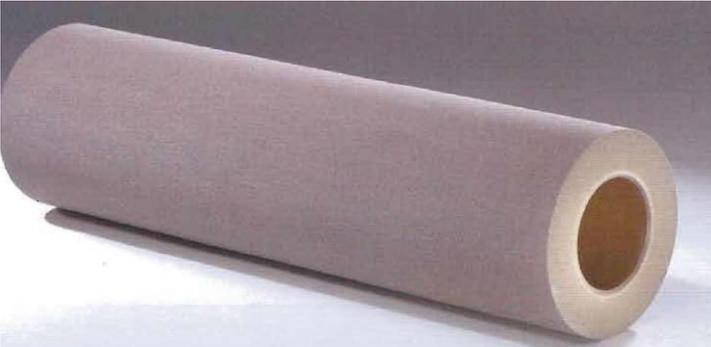
**Brush covered Rolls solve Pick-Up Problem**

# Osborn Non-woven Mill Rolls



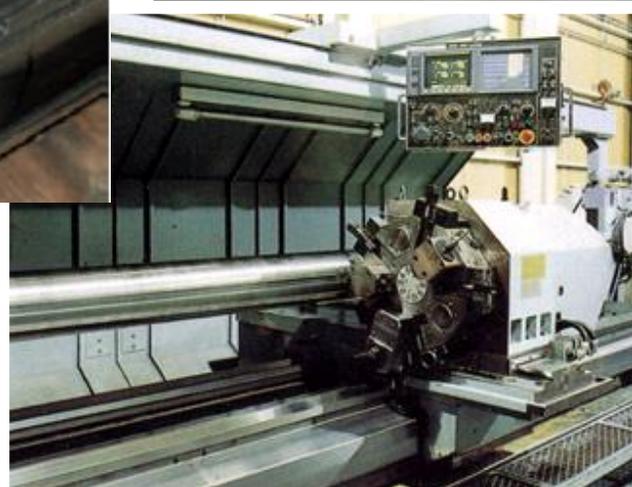
Available for neutral, acidic and alkaline solutions

# Lipprite Non-woven abrasive Rollers



To achieve a decorative satin finished surface

# Shafts for Roller Technologies



High quality CNC production of hollow or solid shafts made of different grade of carbon steel or stainless steel

# Shafts repairing



Repairing of damaged stub ends (welding & machining)

OSBORN

... in regard of “SERVICE” we are the No. 1, too !

## Complete examination & maintenance for Brush Rolls:

- examination, repairing & replacement of shaft ends
- straightening of shafts & shaft ends
- replacement of end collars & balancing rings
- examination & replacement of bearing units
- examination & replacement of fittings & accessories  
(Oil Splashers, shaft seals or lock washers, etc.)



# Balancing



```
*****
OSBORN - AUSWUCHTPROTOKOLL
*****
WERTUNTER HL-09.1 Datum: 05.05.1990 18:27
*****

Runde      : 1 INEDEL
Artikel-Nr.: 1210 000 193
Rotor-Nr.  : 21
Messkolon-Nr.: 282168
Messkolon-Nr.: 3
Druckfarb  : BLA

Geometrieparameter

Regelparameter
L-Länge 118          Rechtss 118
-----|-----|-----
W       |         |         W
W       |         |         W
***     |         |         ***
|--- 17 ---|         |
|----- 195 -----| 218 ---|

Messwert

1. Lauf:  A, 9 g  (---)  A, 9 g
         442 rpm  333 Grad (---)  20 Grad

Bemerkung:
*****
```

**dynamically balancing of shafts & complete brush rolls  
as per ISO 1940 balancing classes G 2.5 or G 6.3**

# Service



OSBORN GmbH

*... in regard of "SERVICE" we are the No. 1, too !*

Worldwide Delivery (truck transport, sea and air freights)

Different delivery and payment terms depend on customers

Supply & repairing of solid transport wooden boxes & racks



# Safety, Quality and Sustainability



# Safety



Organization for the Safety of Abrasives



Sustainable European Abrasive Manufacturers



We are a member of the international organization oSa. The leading manufacturers of quality abrasives are organized in the oSa. They are committed to compliance with quality and safety standards and recognise EN standards 12413, 13236 and 13743 as binding. Only oSa members may affix the protected oSa trademark to their products.

[www.osa-abrasives.org](http://www.osa-abrasives.org)

We are now an official member of SEAM – the Sustainable European Abrasive Manufacturer’s group. Our membership is essential in supporting our commitment towards embracing environmental, social and economic sustainability. Additionally, this makes us the only bonded abrasive producer “Made in Germany” who is a member of SEAM.

<https://www.seam.earth>

More than 700 products of our range for brushes are certified by TÜV-Süd (safety tested, production monitored). The products and our production facilities are tested for basic technical safety requirements by the independent expert organisation TÜV-SÜD Product Service.

[www.tuev-sued.de/ps-zert](http://www.tuev-sued.de/ps-zert)

# Certificates

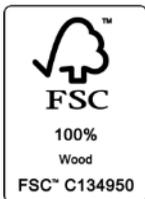


**Authorized Economic Operator**  
For accelerated authorisation procedures and facilitation of security-related customs controls. As a rule, our goods are given priority and cleared quickly.

ISO 9001:2015 – bis 10.02.2022  
ISO 50001:2011 – bis 21.08.2021

For the production of our products we also work according to the following guidelines:

- EN 1083-1 European (safety) standard for power brushing tools, part 1
- EN 1083-2 European (safety) standard for power brushing tools, part 2
- EN 12413 European safety standard for cutting and grinding wheels
- EN 13743 European safety standard for coated abrasives
- EN 13236 European safety standard for diamond tools
- EN DIN ISO 13942, 603-16, 6103, 15635 - Dimensions, tolerances and unbalance
- Our products also meet the requirements of the American National Safety Institute (ANSI).



**FSC®-certification**  
The wood with which our hand brushes and brooms are made comes from well-managed, FSC®-certified forests. The Forest Stewardship Council® (FSC®) is a global, non-profit organization dedicated to the promotion of responsible forest management worldwide.

# Value-add for Industrial Customers



# Productmanagement, Application Engineering



Application  
Consultation



Parts- and Sample  
Processing

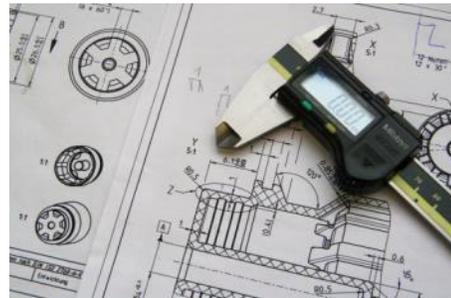


Machining  
Center



Testrobot cells  
in Richmond/Indiana and  
Burgwald/Germany

Detailed  
test documentation



Application Seminars,  
Trainings



# Value-add for Dealers



# POS Support



Private Labeling



Nexmart Connection



YouTube Channel with application videos

Product- and Packaging Design

User-/ Application- Training

Award winning Partner for Specialized Trade

Presentation at PoS Displays, Presenter



Promotion Van for Events



# Our Promise



Osborn offers the best solutions for your mechanical surface treatment challenges.

Our experts are highly trained to serve you with the best off-the-shelf or customized tools, where and when you need them.

Unlike others, we help you optimize your process, meet the highest quality and safety requirements and reduce your costs.



[osborn.com](https://www.osborn.com)