



Pipeline Industry

Practical products and solutions

From start to finish, Osborn has your back.

As the global leader in surface treatment and finishing solutions, Osborn knows that it's about more than just a product. With Osborn, you have a partner; an expert in your field that is dedicated to providing you the right solutions to do the job at hand **better**, **faster**, and **safer**.

Customer Collaboration Our experts are experienced in surface treatment solutions and finishing tools, ready to partner with customers on how best to achieve optimum results.

Wide Range of Products Osborn's impressive catalog boasts over 10,000 standard products sold worldwide.

The Osborn logo is centered in the middle of the page. It consists of the word "osborn" in a bold, lowercase, sans-serif font, with a registered trademark symbol (®) to the upper right of the letter "n". The logo is contained within a white, rounded, shield-like shape. The background of the entire page is a dark blue, high-contrast image of a person in silhouette using a power tool, with bright sparks flying from the point of contact. The overall aesthetic is industrial and professional.

osborn®

World Class Customer Service
With over 1,250 employees around the globe, you'll have immediate access to local support.

Patented Product and Process Solutions
Osborn has more patents on products and processes than all other brush companies combined.

Products and expertise for the pipeline industry.

Osborn manufactures a wide variety of brushes for the pipeline industry to keep your projects on-time—reliably and cost-effectively. We understand time is money.



Exploration Whether used for tough on or offshore explorations jobs, arc strips for downhole applications, or material sensitive cleaning jobs such as silicate, slag/rust removal, or descaling; Osborn brushes are designed to perform a wide variety of tasks with precision and ease.



Weld Cleaning Osborn weld cleaning brushes tackle various types of process debris in root and fill layers without disturbing the base material. Each brush is designed for safety and performance, providing users longer service life than regular abrasive discs with significantly less noise—virtually spark-free.



Pipe Manufacturing Osborn offers a full assortment of brushes for the pipe coating industry. Whether contact brushes, transport rollers or cutback brushes, Osborn's ready-to-use brush sets and single sections are designed to work with your existing devices—saving you time, money and hassle.



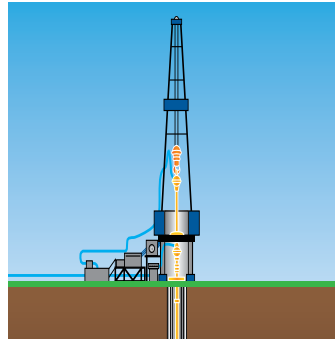
Pigging Precision cut strip, coil, or single section brushes ensure that paraffin, residue and debris is thoroughly removed from the inner wall of pipes to increase transportation capacity. Osborn Pigging brushes are part of MFL inspection equipment to locate defects in the pipeline, avoiding costly oil and gas hazards.

Forge your path with Osborn.

Did you know?

The demands of drilling operations demand the best brushes

- Osborn brushes are safe and long-lasting cleaning tools for steel work, shipyards, drill rigs, and oil and gas operations.
- No matter the application, Osborn has the right brush for the job. Rigorously tested for performance and safety in our state-of-the-art R&D laboratory.



Well bore brushes

Together with casing scrapers, Osborn strip brushes help to maintain a defined pressure level during the wellbore maintenance process. Specially designed brushes are also used to achieve a specific finish on the casing during the final process.



Drill pipe cleaning brushes

Heavy duty wire brushes are available to be used on cleaning the outside diameter of the pipe. Brushes can be used in single sections, or stacked for a wide face application, eliminating surface striping.



Thread cleaning

Premium quality Ringlock bushes, available in 2, 2.5, and 3 inch diameters, are manufactured with a special crimp to assure maximum density.

Osborn's Pipeline Experts can help you with your well bore or drill pipe cleaning solutions. Contact us at marketsupport@osborn.com to speak with our experts!

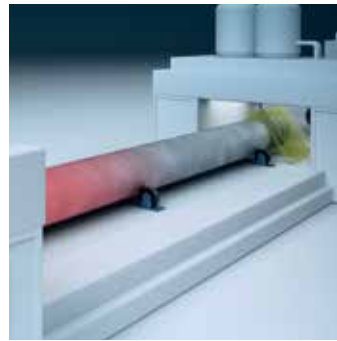
PIPE MANUFACTURING

Engineered to perform. Engineered to last.

Did you know?



NAPCA Member Osborn is an active member in North America's largest Pipe Coating Association NAPCA. napca.com



Transport brushes

Osborn transport brush rollers offer a new and effective technology to the pipe-coating industry. Wire brush rollers are a perfect alternative to polyurethane (PU) rollers commonly used today, particularly in the hot zone areas following the induction heating ovens. When pipes leave the induction ovens at temperatures as high as approx. 150°C / 300°F, the melting point of polyurethane is relatively low and the rollers are easily damaged, wear is very high and service life, in turn, short.



Cutback brushes

The Osborn Cutback-brush-system is used worldwide to remove coating at the end of the pipes, independent of whether the coating is high (HD), medium (MD) or low density (LD), polyethylene (PE) or polypropylene (PPN). The Cutback-brush-system performs three operations in one. The pipe ends are cleaned, coating is removed and an angle created on the edge of the remaining coating. Plastic bonded (PB) wheels on both sides of the brush are responsible for the beveling operation on the coating and cleaning the ends of the pipe. Costs are reduced due to the long brush life and short processing time. An internal cooling system is an additional option to reduce heat build-up.

Osborn's Pipeline Experts can help you with your pipe manufacturing solution. Contact us at marketsupport@osborn.com to speak with our experts!

WELD CLEANING

On the line or in the fab yard, Osborn outperforms.

Did you know?

IPLOCA MEMBER IPLOCA is the key association of the world's major international onshore and offshore contractors with some 240 Regular Members and Associate Members. It was founded in 1966. IPLOCA's mission is to provide value to members through a forum for sharing ideas, engaging the industry and its stakeholders, facilitating business opportunities and promoting the highest standards in the pipeline industry. Osborn is a long-time associate member and frequently takes part in IPLOCA meetings. iploca.com





Welding technology

Testing that compared the use of typical abrasives to Osborn brushes for cleaning welds, found that the micro surfaces of the welds cleaned with Osborn brushes were virtually identical to the original surfaces and kept the material's structure intact. The testing also found that welds treated with Osborn brushes allowed carbon to settle in a layer during the dissolution process, which boosted the surface's protective properties, slowing further dissolution.

Osborn is a driving force in product testing and is therefore able to create innovative solutions providing the best value. Constant improvement has created products that are specifically tailored to work better on harder and lighter-weight steel pipe. Osborn's premium quality brushes have been improved to meet the high demands of x100 and x120 steel pipe. The brushes are designed with hardened, tempered wire and high-Rockwell hardness, making them ideal for removing silicates.

In applications where abrasives are utilized, Osborn's uniquely manufactured abrasives provide results above the rest. Our specially designed cutting/grinding combo wheels, perfect for notching, are manufactured in a single cavity press, ensuring consistent quality in every wheel and works as hard as you.

Stringer Bead Brushes

Enjoy American-made quality and performance at an economical price. Features Osborn's proprietary TufWire™ wire strands, which outperform competitive products in both material removal and longevity. Works aggressively on a variety of jobs using air tools or portable tools. Proudly made in Richmond, IN, USA.

Applications: Bead scale removal, surface preparation, pipe joining



Brush Dia.	Threaded Arbor Hole	Fill Dia.	Trim Length	No. of Knots	MSFS (RPM)	Part No.
Steel						
4	5/8-11NC	0.020	7/8	30	20,000	00099082B0R
6	5/8-11NC	0.020	1-1/8	48	12,000	0009908400R*
6-1/2	5/8-11NC	0.020	1-3/8	48	12,000	00099086B0
7	5/8-11NC	0.020	1-1/8	56	9,000	0002684200 NEW
Stainless Steel						
4	5/8-11NC	0.020	3/4	30	20,000	00099088B0R
6	5/8-11NC	0.020	1-1/8	48	12,000	0009908900R*
6-1/2	5/8-11NC	0.020	1-3/16	48	12,000	0002622600
7	5/8-11NC	0.020	1-1/8	56	9,000	0002687500 NEW

*Single Pack

**American-made quality and performance.
At an economical price.**

Specially designed for the pipeline industry, Osborn's 7" stringer bead brush boasts a patent pending knot design and proprietary wire resulting in the best mix of aggression and longevity.

Cup Brushes

Available in both crimped and knotted styles, Osborn Cup Brushes provide quick, efficient cleaning of large metal surfaces. Manufactured with proprietary TufWire™ to offer high productivity and long life, and designed for use on portable power tools operating at high speeds. Crimped style tackles any standard application, while knotted styles are recommended for heavy-duty, rigorous jobs. Proudly made in Richmond, IN, USA.

Applications: Removes scale, deburrs, cleans welds and flat surfaces



Brush Dia.	Threaded Arbor Hole	Fill Dia.	Trim Length	MSFS (RPM)	Part No.
Knotted Steel					
4	5/8-11NC	0.023	1-1/4	6,000	0003313800
6	5/8-11NC	0.020	1-3/4	6,000	0003301500
Knotted Stainless Steel					
4	5/8-11NC	0.020	1-1/4	6,000	0003313900
6	5/8-11NC	0.020	1-3/4	6,000	0003304900
Crimped Steel					
4	5/8-11NC	0.020	1-1/8	9,000	0003213400
6	5/8-11NC	0.020	1-1/2	7,000	0003213600
Crimped Stainless Steel					
6	5/8-11NC	0.020	1-1/2	7,000	0003214400

*Single Pack

Ringlock Brushes

Specially designed to brush down holes, internal surfaces and other hard-to-reach areas. Designed with Osborn's proprietary TufWire™ wire strands to provide effective brushing, this product can be mounted singly or in multiples, directly onto the shaft of a portable tool to accommodate a wide variety of tasks. Proudly made in Richmond, IN, USA.

Applications: ID cleaning, deburring, rust, scale, carbon and corrosion removal



Brush Dia.	Arbor Hole	Fill Dia.	Trim Length	Face Width	MSFS (RPM)	Part No.
Steel						
3	1/2**	0.008	1	1/4	20,000	0001131800
3	1/2	0.008	1	1/4	20,000	0001105800
Stainless Steel						
3	1/2	0.005	1	1/4	20,000	0001109400
3	1/2	0.008	1	1/4	20,000	0001109500

**includes 3/8" Adapter

Abrasives

Osborn's line of world-class abrasives is designed to meet the demands of the toughest tasks. These select products are designed specifically for pipeline applications. Whether grinding a bead, prepping transitions, or fabricating in the yard, Osborn abrasives provide quality and consistency right out of the box.

Applications: Cutting, grinding, notching, blending, and beveling

Type	Diameter	Thickness	Material	Grit	Arbor Hole	Max RPM	Std. Pk.	Part No.	
Cut	T01	4-1/2	0.040	A	60	7/8	13,280	25	1111246572
Cut	T01	4-1/2	0.045	A	60	7/8	13,280	25	1111250572
Grind	T27	4-1/2	1/4"	A	24	5/8-11	13,280	10	3116520072R
Grind	T27	5	1/4"	A	24	5/8-11	12,200	10	3126520072R
Grind	T27	6	1/4"	A	24	5/8-11	10,200	10	3156041072R
Grind	T27	7	1/4"	A	24	5/8-11	8,600	10	3186520072R
Combo	T27	4-1/2	1/8"	A+	46	5/8-11	13,280	10	1113270072R
Combo	T27	5	1/8"	A+	46	5/8-11	12,200	10	1123270072R
Combo	T27	6	1/8"	A+	46	5/8-11	10,200	10	1153270072R
Combo	T27	7	1/8"	A+	46	5/8-11	8,600	10	1183270072R
Flap	T27	4-1/2	-	Z	40	7/8	13,280	10	5211184572
Flap	T29	4-1/2	-	Z	40	7/8	13,280	10	5211384572
Flap	T29	4-1/2	-	Z	40	5/8-11	13,280	10	5211384072R
Flap	T29	6	-	Z	40	5/8-11	10,200	10	5215384072R
Flap	T29	7	-	Z	40	5/8-11	8,600	10	5218344072R



End Brushes

Offered in several styles for a wide variety of tough cleaning and maintenance applications. Each style features Osborn's proprietary TufWire™ wire strands, which are designed to flare out when operated at high speed. This allows you to get to hard-to-reach areas as well as inner diameters.

Applications: Spot cleaning or facing, removal of slag, rust or scale, cleaning pipe ID, deburring or flash removal, cleaning of dies, molds and tooling, pipeline cleaning



Brush Dia.	Overall Length	Fill Dia.	Trim Length	MSFS (RPM)	Part No.
Knotted Steel – RufTuf®					
1/2	2-13/16	0.006	1-1/8	22,000	0003000200
1/2	2-13/16	0.010	1-1/8	22,000	0003000400
1/2	2-13/16	0.014	1-1/8	22,000	0003000500
3/4	2-13/16	0.010	1-1/8	22,000	0003001000
3/4	2-13/16	0.014	1-1/8	22,000	0003001100
3/4	2-13/16	0.020	1-1/8	22,000	0003001200
1	2-13/16	0.006	1-1/8	20,000	0003001400
1	2-13/16	0.010	1-1/8	20,000	0003001600
1	2-13/16	0.014	1	20,000	0003001700
1	2-13/16	0.020	1	20,000	0003001800
1	2-13/16	0.020	1	25,000	0003050000
Knotted Stainless Steel – RufTuf®					
1	2-13/16	0.006	1-1/8	20,000	0003043800
1	2-13/16	0.014	1	20,000	0003044100
Crimped Steel					
1/2	2-3/4	0.006	1	25,000	0003005100
1/2	2-3/4	0.010	1	25,000	0003005300
3/4	2-3/4	0.006	1	22,000	0003005700
3/4	2-3/4	0.010	1	22,000	0003005900
3/4	2-3/4	0.020	1	22,000	0003006100
1	2-3/4	0.006	1	22,000	0003006300
1	2-3/4	0.010	1	22,000	0003006500
1	2-3/4	0.020	1	22,000	0003006700
Crimped Stainless Steel					
1/2	2-3/4	0.005	1	25,000	0003007100
1	2-3/4	0.005	1	22,000	0003008300
1	2-3/4	0.010	1	22,000	0003008500

Scratch Brushes

Osborn Scratch Brushes feature skilled workmanship and premium-quality staple set wire to provide outstanding cleaning and a high degree of fatigue resistance. The blocks of Osborn Scratch Brushes are kiln-dried hardwood for maximum tuft retention, even when used in severe applications. Uniform distribution of fill materials and firmly anchored tufts combine to provide a long, effective brush life.



Brush Area Length	Overall Length	Row Count	Trim Length	Std. Pk.	Part No.
Steel					
5-1/4	10	4x16	1-1/8	12	0005401800
5-1/4	10	4x16	1-1/8	12	0008300300
6	13-11/16	4x19	1-1/8	12	0008310000
6	13-11/16	3x19	1-1/8	12	0005401500
6	13-3/4	3x19	1-1/8	12	
Stainless Steel					
5-1/4	10	4x16	1-1/8	12	0005401900
5-1/4	10	4x16	1-1/8	12	0008300800
6	13-11/16	3x19	1-1/8	12	0005401700
6	13-11/16	4x19	1-1/8	12	0008310100
6	13-3/4	3x19	1-1/8	12	0008300700

50000 Premium Series, 80000 Economy Series

PIGGING



Brushes for MFL Inspection Tools

Osborn also specially designs and produces brushes for the MFL inspection sector. Offering both premium quality pencil brushes and lower cost straight strip wire brushes to meet your specific needs.

Straight crimped wire strip brushes can be produced in long sections with trim lengths up to 7" for maximum flexibility.

Pencil brushes can be produced in an extensive range of configurations and boast extreme consistency and density.



Brushes for Cleaning Pigs

Crimped wire is mainly used in the cleaning of pipes due to the crimped wire's aggressive cleaning properties while allowing ample flow of liquids. This combination makes it the perfect pipeline cleaning solution.

To aid in the cleaning and inspection of pipelines, trust Osborn's pipeline pigging brush experts to help you build the best solution. Whether you need to clean rust, wax, oxides, organic residue, or sand, we have the right solution at hand. Arc brushes, straight strip brushes, coils, or pitch helical brushes are available to many configurations and sizes.

Osborn's Pipeline Experts can help you design your custom pigging solution. Contact us at marketsupport@osborn.com to speak with our experts!



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