

**COTTAM | TECHNICAL SOLUTIONS**



**in-house design, engineering and manufacture**

## Made in the UK

Our head office is based in Hebburn, North East England. With our inhouse design and engineering capabilities, and modern manufacturing facilities, Cottam has become a trusted partner in the supply of bespoke industrial brushes for customers all over the world.

## Established in 1858

With over 150 years of knowledge and experience, our industrial brushes are used in a variety of processes, from heavy manufacturing and processing through to environmental applications. You'll find our brushes in many varied sectors including oil and gas, water and environment, grounds maintenance and agriculture, telecommunications, food and drink, painting, printing, automotive and pharmaceuticals.



Pipeline Cleaning Disc Brushes

## Our Technical Team

We offer a full in-house design consultancy service. Whether you need a replacement brush or you're designing a brand new process, our team can work from your specification, drawing, photo, or even just an idea.

## Our Services

We provide high quality and cost effective solutions. Our multi-disciplinary technical team offers a spectrum of talent to our clients and delivers outstanding results. We have the people, tools and capabilities to translate your requirements into solutions.

## Our Clients

We work with companies of all sizes from local to multinationals selling around the world. We collaborate with you to form an efficient and reliable working relationship that makes your lives easier with reliable products that meet your requirements.

# Oil & Gas

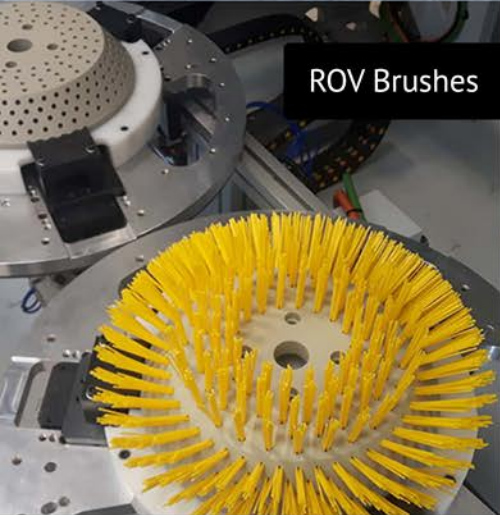
We supply pipeline maintenance products worldwide. Using the latest materials, design and manufacturing techniques, our pipeline brush solutions bring together over 150 years experience ensuring consistent great results.

During this period we have achieved a number of key successes for our customers enabling them to realise improved performance and subsequent cost benefits. As active members of the PPSA we keep up to date with the latest pipeline agendas and issues, ensuring we have a full understanding of flexible client requirements. We are fully accredited to ISO9001.

Whether you are looking for an off the shelf brush product for your existing fleet of pigs or if you need a design from specification we have the solution.



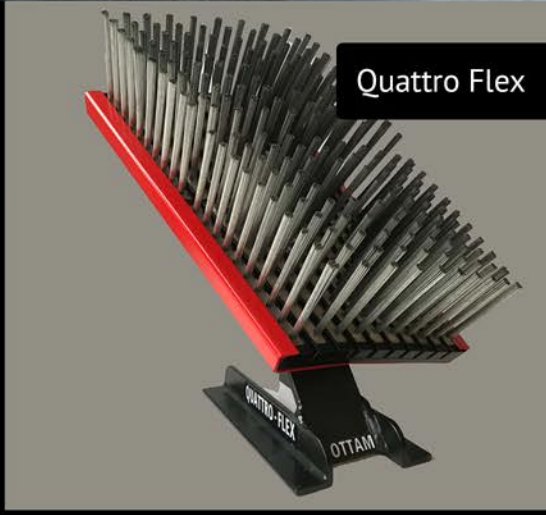
MFL Pipeline Inspection Brushes



ROV Brushes



Cone Brushes

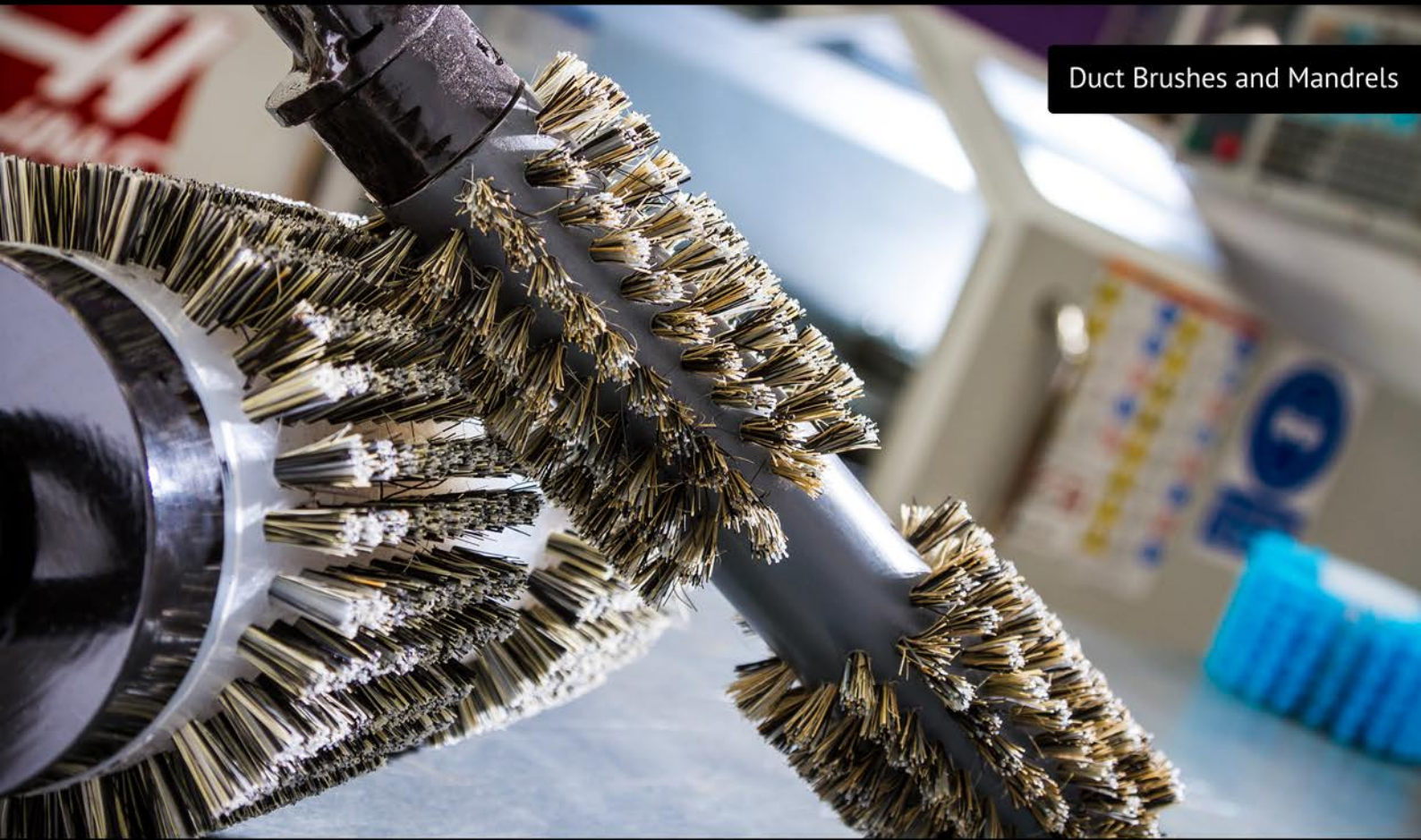


Quattro Flex

“Cottam is a very helpful, forward looking company, seeking to develop their business in other areas than their historic background. When I wanted something, I went to see them and discussed it. They are flexible above all.”  
**Peter Fretwell, Pipeline Engineering**

# Telecommunications

We have worked in the telecoms industry for many years supplying duct brushes and polypropylene mandrels. For use in the maintenance of telecom ducts, our cylindrical duct brushes have been approved by the leading telecom suppliers and are available in a wide range of industry standard sizes. We also supply duct mandrels in industry standard sizes.



Duct Brushes and Mandrels

For applying an electrical contact to metal strip components in high volume electronic connector, telecommunications, semi-conductor and flexible circuit components. we supply brass contact brushes. Densely packed with soft brass filaments which allow an equal electrical current to pass through the strip without scratching or scoring the material.



Brass Contact Brushes

"The brass contact brushes manufactured by Cottam are of the highest quality. The service as well as the product consistency has impressed me greatly. They are a cost efficient and reliable supplier who we would highly recommend".

**David Harris, Technical Manager, Auric Metal Finishers Ltd**

## Food & Drink

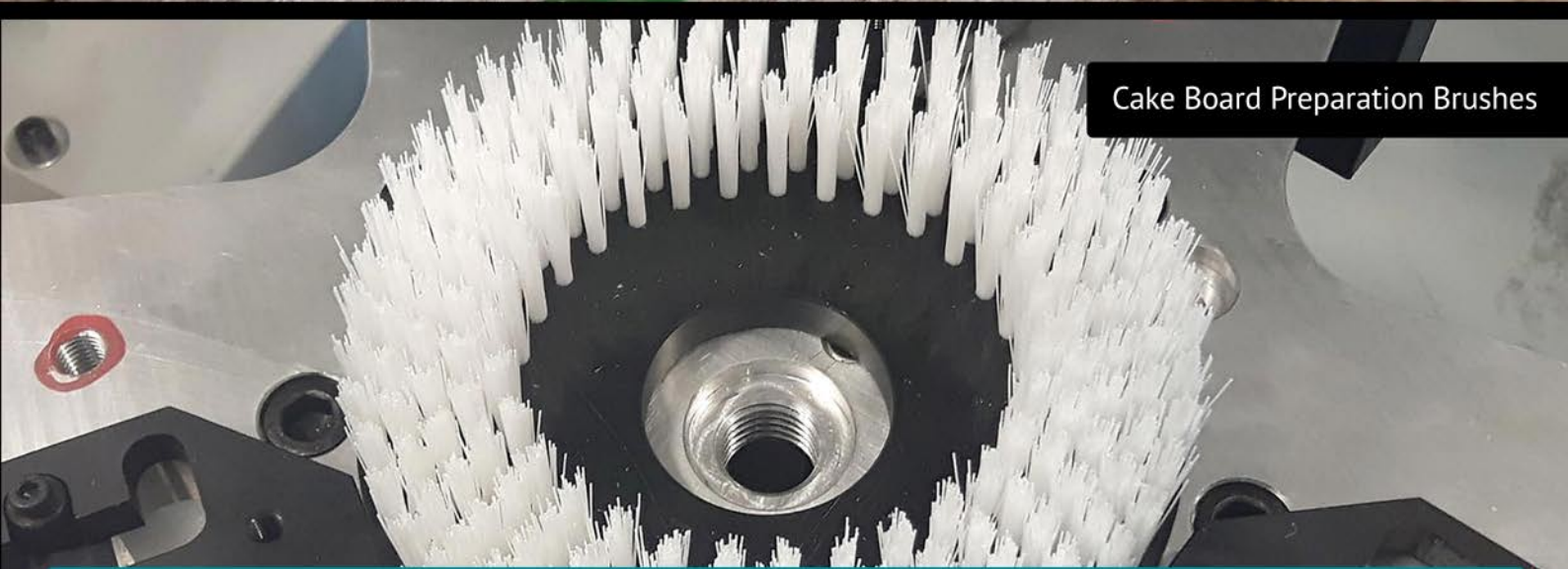
Our range of brushes are also supplied to the food and drink industry. Our customers including breweries, bakeries, chewing gum manufacturers and crisps producers.



Chewing Gum Feed Brushes



Cask Cleaning Brushes



Cake Board Preparation Brushes

"The rotating disc brushes we use from Cottam are an essential part of our manufacturing process and are of the highest quality. Our original brushes were wearing over a very short period of time and Cottam suggested and supplied a nylon bristle disc brush which has stood the test of time within our manufacturing process. The durability and quality of this product is vital to our end product thus allowing us to supply our customers with a product of the highest standard".

**Malcolm Forshaw, Maintenance Fitter, Culpitt Ltd**

# Grounds Maintenance & Agriculture

Based on the nature of the business, we know there are major time constraints to meet seasonal demand changes and therefore we work to a fast turnaround ensuring we meet your requirements. We design and supply brush solutions for agricultural and grounds maintenance use for several companies including Logic and AMA (LBM).

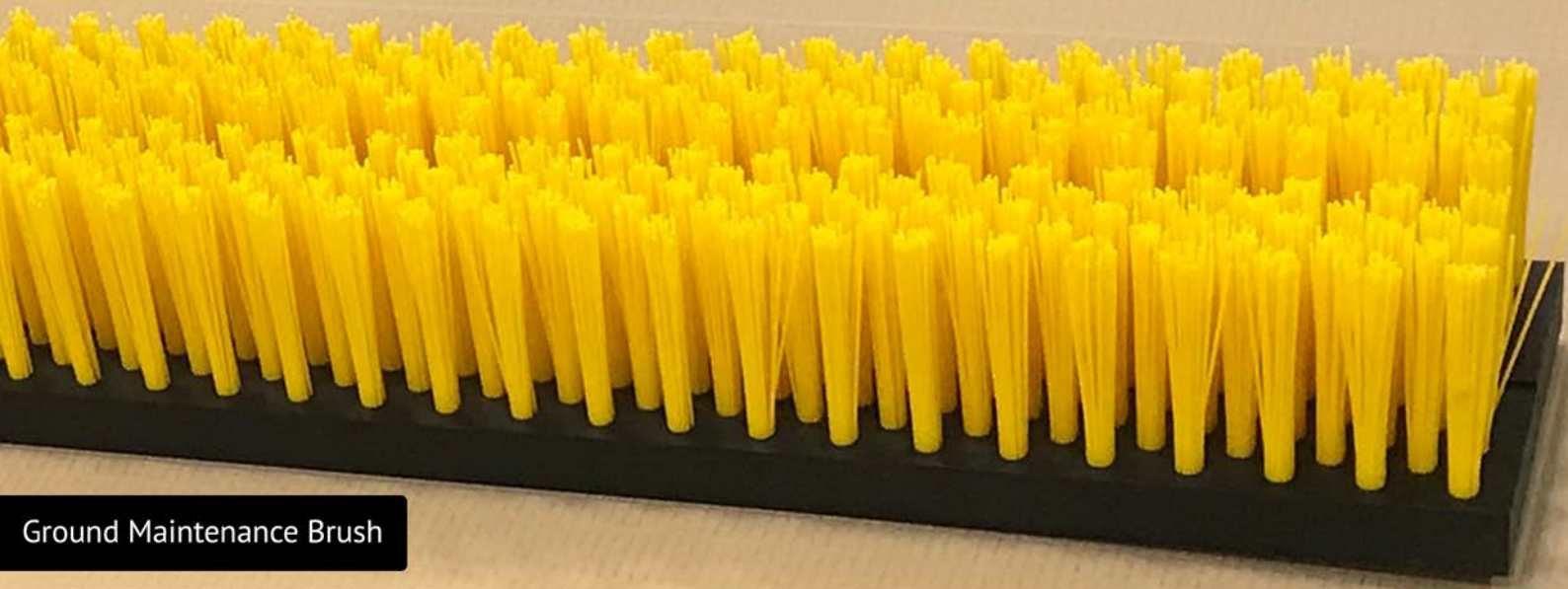
Our lag and circular brushes can be filled in a variety of colours and filaments in a wide range of sizes.



Artificial Turf Brush



Turf Management Brush



Ground Maintenance Brush



Seed Distribution Brushes



Lag Brushes



Forklift Attachment Sweeping Brush

“Cottam provide professional, quality products often working within tight time constraints to meet seasonal demand changes. We receive excellent service in all aspects of our dealings”

**David Brotherton, Logic Manufacturing**

"Having recently established our supply partnership with Cottam, we have found them to be a cost-efficient and reliable supplier, reflecting our company values in efficiency and quality of both product and service"  
**Lon Bull, Director AMA (LBM) UK Ltd**



Cow Brushes



Boot Wiper Brushes



Concrete Marking Brushes

## Water & Environment

We design and supply brush solutions for several companies including the Environment Agency and Northumbrian Water. The Quick Change Weir Brush, for example has been met with much relief by plant managers and maintenance teams alike. "The Cottam Brush cleans the launder channel much better and we are able to reduce the time spent on changing the brushes due to the quick release carrier head bracket. We can also remove the brush and turn it around to get extra life out of the brush heads" comments one satisfied team leader.

The Quick Change Weir Brush will bring significant cost saving. The average changeover time is reduced from approx 8 hours to 1 hour. In addition the design of the brush enables each site to store one multipurpose brush which can fit in any required position.



Water Treatment Weir Brushes



"We were very impressed with the operation, look and quick change aspect of the brushes. The technical team knew exactly what we wanted and the installation was done methodically and with great expertise."

**Bob Patterson, Northumbrian Water**



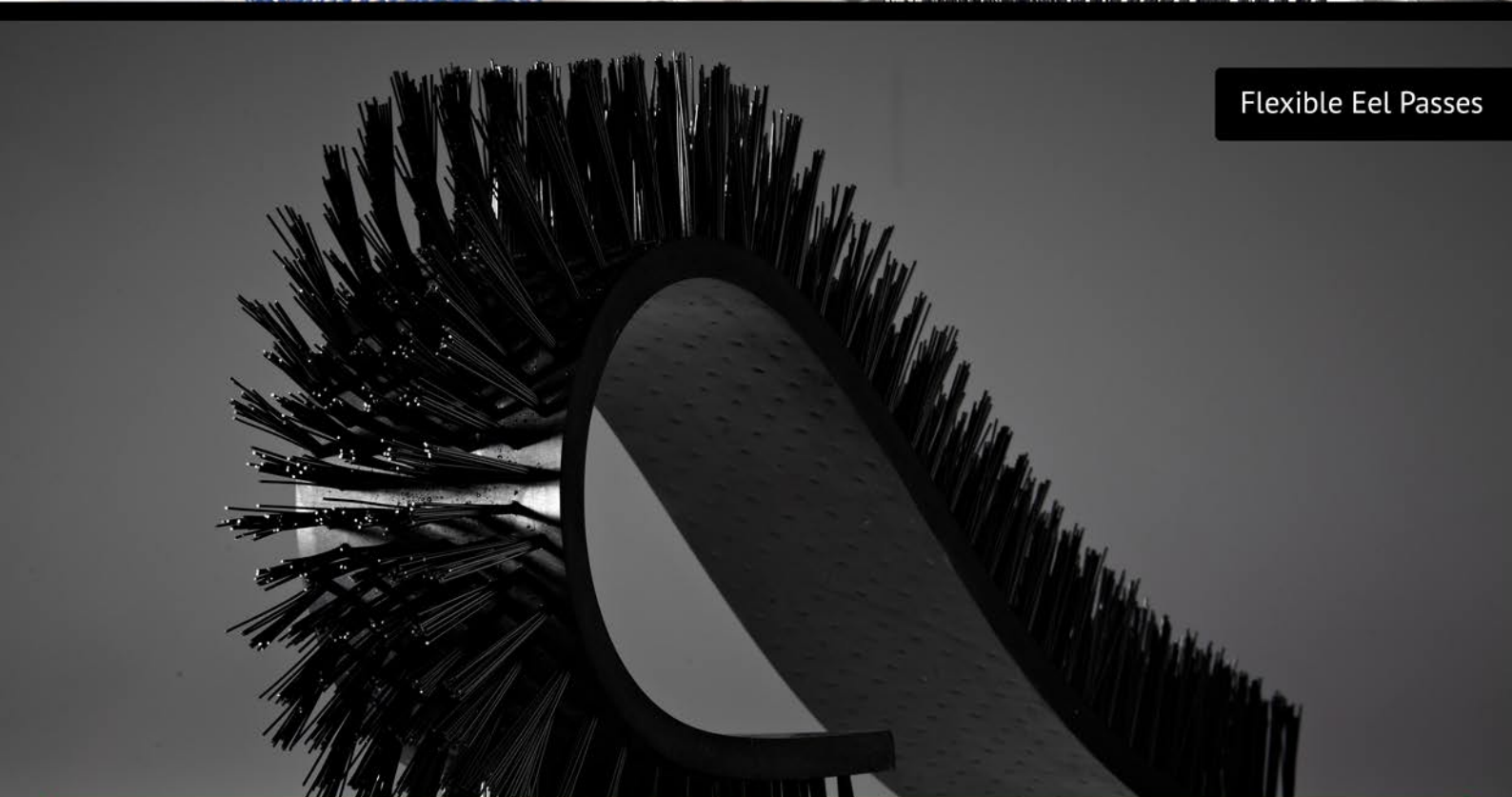
An innovative solution to preserve an endangered species. Eel passes are installed to assist eel migration around man made obstacles in rivers. Traditional eel passes are rigid and do not allow for tidal fluctuations or changes in water levels.

We worked collaboratively with the environment agency to develop a flexible backed brush designed to accommodate variations in the positioning of the fish ladder. Several materials were tested in order to ensure the maximum performance under different conditions. High specification materials were selected and used in manufacture to ensure consistent performance. Samples were then tested and the results monitored.

Development of the flexible eel pass brush substrate was the first stage in overcoming problematic installs where a rigid linear substrate would require modification to the site. Although the current rigid brush element worked effectively in a fixed position, it could not adjust when installed as part of a self-regulating eel pass.



Eel Pass Boards



Flexible Eel Passes

“We contacted Cottam to design a solution which would provide the same excellent level of performance while adapting to changing environmental and spatial conditions. They developed a solution which is not only effective but can be customised to any installation”

**Andy Don, Environment Agency**

# Our Work

Our success comes from understanding both a client's needs and their business objectives. We've been very busy doing exactly this for a wide range of clients. Take a look at some of our work!



## Contact Details

Talk to us ! We'd love to get involved in your project and work collaboratively to create your solution. You can upload a product image or drawing on-line or simply tell us what you're looking for.



**Ben Cottam**  
Managing Director

Cottam is a family company and as such I've been around the business all my life. Starting in a professional capacity in 2002 as an Engineering graduate, I have been the MD since 2005. My job now is to ensure that we grow the business; with a great team and a strong plan in place, we are already on our way!

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**Dave Leathead**  
Production Engineer

My past engineering experience in various industries has given me a good insight into what customers require. My day to day activities include everything from process analysis to preventative maintenance and a lot more inbetween!

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**Eddie Moon**  
Process Engineer

As a process engineer with nearly 40 years experience, I am normally the first point of contact for any new enquiries. I look forward to hearing from you!

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**John Davison**  
Production Supervisor

I ensure that all the work is scheduled and produced to a high standard and despatched on time.

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