Combined Service cokebusters.com

Leading innovation for cleaner energy



Where performance matters

Founded in the field of mechanical cleaning and tube inspection, we offer practical solutions and expert consultancy in one combined service.





Water Filtration

We developed a patented

contaminated water from

or eco-friendly disposal.

filtration machine that filters

mechanical cleaning down to

1µm, making it suitable for reuse

Mechanical Cleaning

Fouling disrupts flow and causes corrosion. Cokebusters' patented scraper pigs, Double

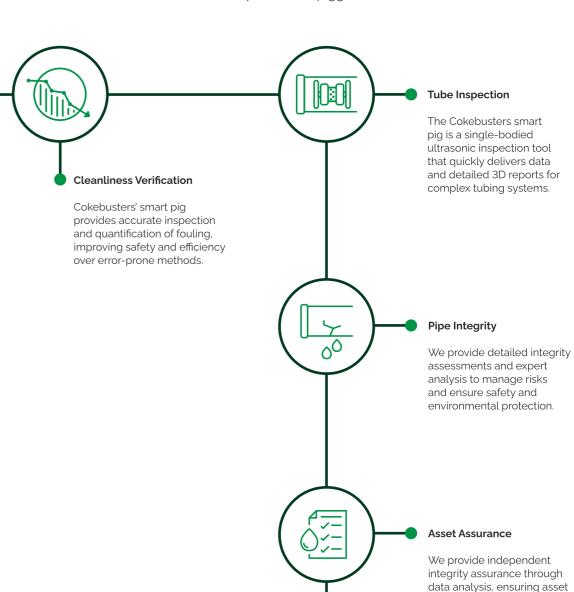
Pumping Unit and skilled

operators ensure effective cleaning and maintenance.

Combined Service

We set the standard in mechanical cleaning and inspection for the global energy sector.

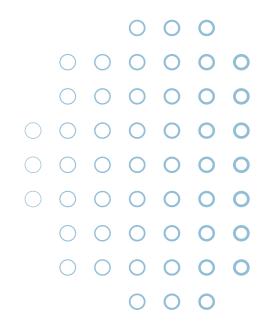
Our patented unique services allow us to deliver efficient, reliable solutions through unmatched expertise, cutting-edge technology and pioneering innovations which enable us to inspect the unpiggable.



competence and compliance during ownership changes.

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Innovate

At Cokebusters, we design and build our own specialist equipment, constantly innovating and improving the tools used to meet our clients' needs. By internalising manufacturing, we reduce supply chain dependency, providing greater flexibility and control over production.

Design, Build & Test

The process involves designing, building and testing a Double Pumping Unit, integrating a filtration unit for water purity. Mechanical pigs clean pipelines, while smart pigs inspect for defects. A test loop simulates real conditions to validate performance.

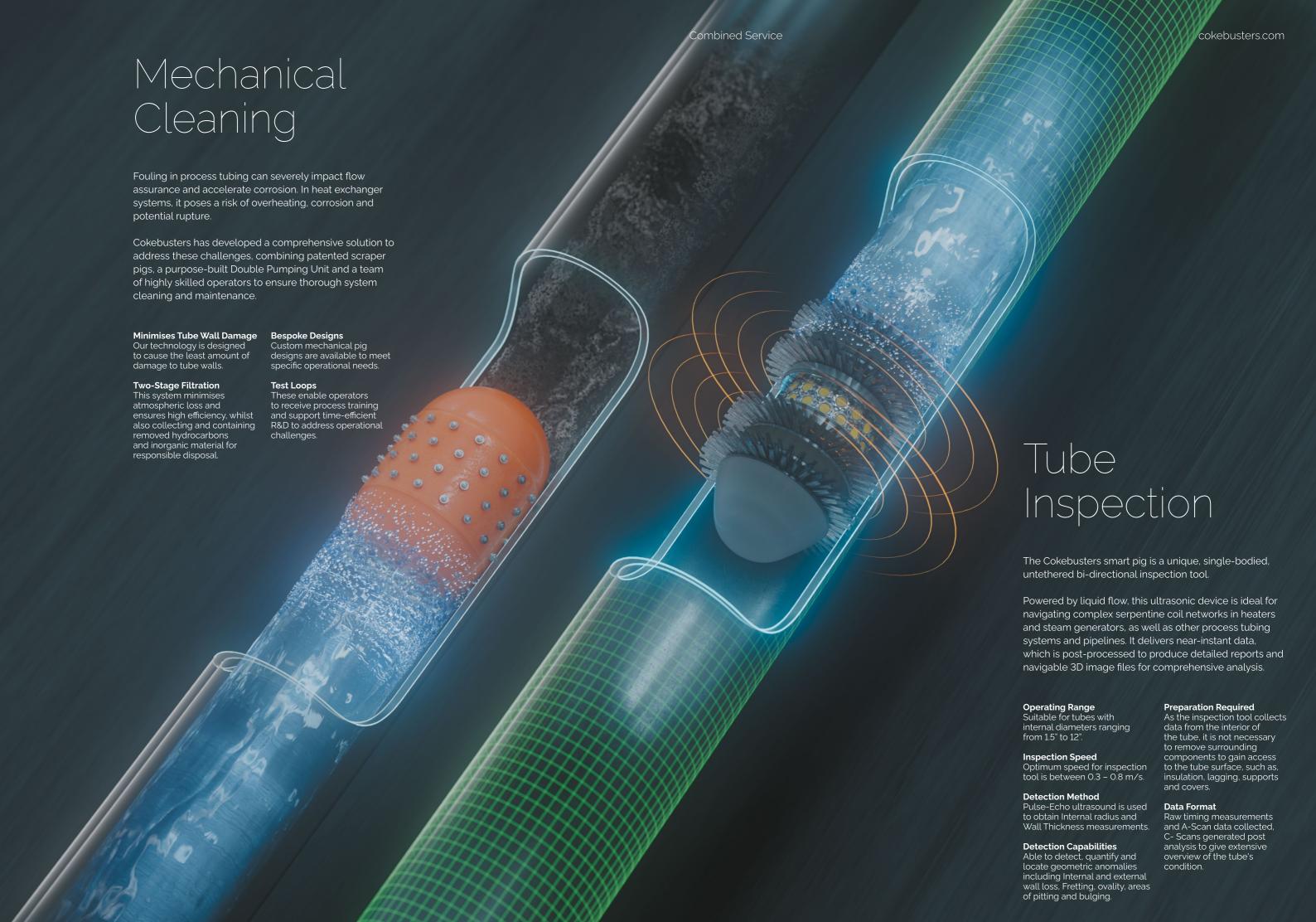
Deploy

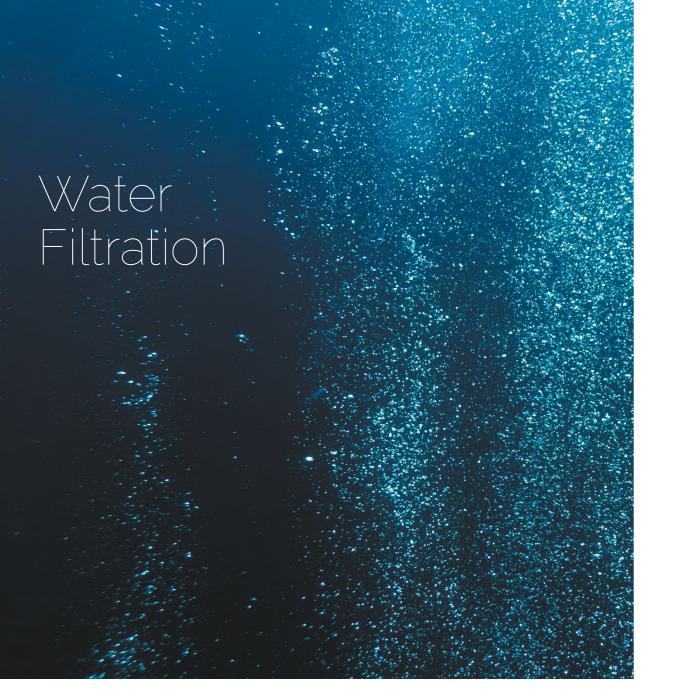
To ensure quick response to client needs, we have strategically positioned our pumping units across the globe. Our skilled operators, who are directly involved in the build process, are experts in maintaining and troubleshooting the equipment on-site, minimising downtime.

Develop

Feedback helps us to shape the future design of our equipment, driving us to solve new challenges and innovate further. This continuous improvement enables us to create the technology needed to deliver our world-class service.







Mechanical cleaning often produces large amounts of contaminated water. To address this, we have designed, built and patented a water filtration machine specifically for mechanical cleaning operations.

Our system employs a four-stage filtration process that progressively filters down to 1 μ m. At this level, the water is clean enough for reuse or for more environmentally friendly disposal.

Versatile Use

overall efficiency.

The filtered water can be

filtration projects, enhancing

utilised for other water

Reduced Contaminants

Minimises the amount of contaminated waste water that needs disposal.

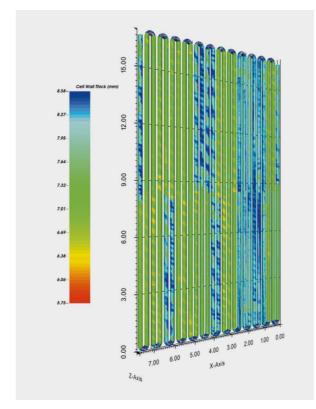
Supports Recycling

Decreases the need for a continuous water supply by enabling water reuse.



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Cleanliness Verification

Many current verification methods are qualitative, prone to human error and often involve exaggerated claims.

With the deployment of Cokebusters' smart pig, it is now possible to directly inspect the interior of process tubing and accurately verify cleaning effectiveness. The data collected allows for precise location and quantification of residual fouling. Armed with this information, operators can deliver a safer and more efficient service.

Eliminates JudgementMoves away from subjective

assessments.

Scientifically Informed Decisions Drovides data driven inside

Provides data-driven insights for end users.

Precise Location

Accurately identifies and locates fouling with precise axial and circumferential positioning.

Accurate Assessment Measures fouling thickness

measures fouling thickness precisely.

Enhanced Efficiency

Optimises cleaning processes for maximum effectiveness and speed.

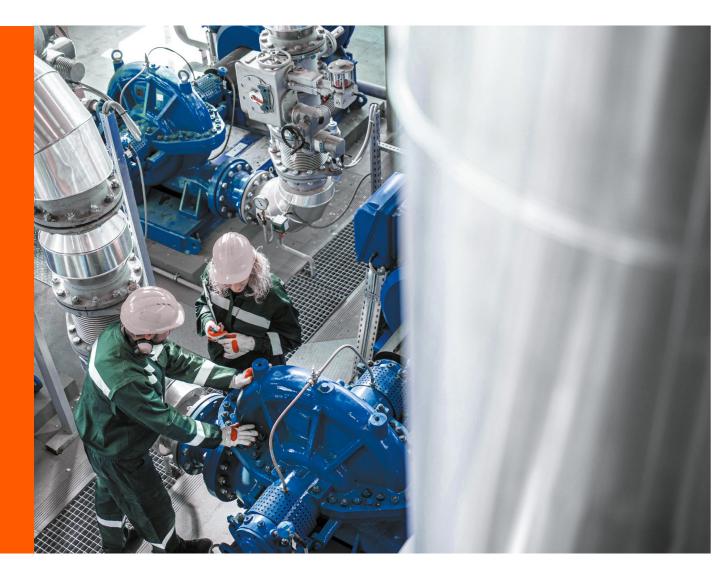
Time Saving

Inspection Technicians can inform decoking operators where to find any contamination.

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Pipe Integrity

Ensuring the integrity of the operating envelope is crucial for preventing process safety events and environmental releases. Integrity threats include corrosion, erosion, mechanical damage and operational excursions.



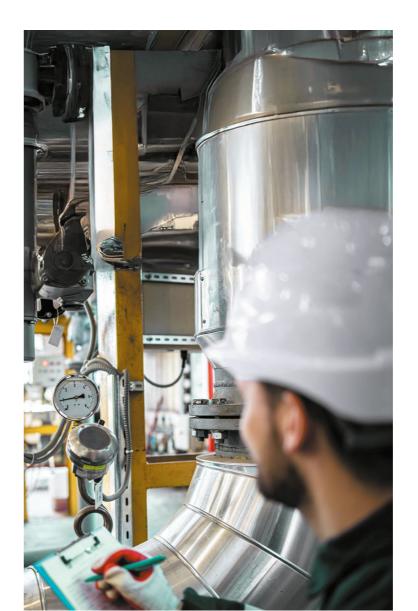
we offer detailed calculative assessments, such standards. Additionally, Cokebusters provides expertise in Level 3 analysis, corrosion risk management and risk-based decision-making.

To enhance understanding of operational integrity, as Level 1 and 2 fitness-for-service and remaining life evaluations, in line with API 579 / ASME FFS-1

Asset Assurance

Operators, shareholders, insurers and regulators increasingly demand confidence in the competence, compliance and sustainability of asset portfolios.

At Cokebusters we are uniquely positioned to collect and analyse inspection data, offering a pathway to independent integrity assurance. Asset ownership changes present an opportunity to independently assess equipment competence.



Additionally, many businesses face challenges with 'unpiggable' stock due to factors such as:

Diameter Limitations Pipes outside the inspectable diameter range.

Accessibility Issues Difficulties in reaching or inspecting certain areas.

Complex Geometries Intricate pipe shapes that complicate inspection.

In-Line Diameter Changes Variations in pipe diameter that hinder inspection.

Short-Length Economics Cost-effectiveness of inspecting short-length segments.

Our single-bodied design overcomes these obstacles, making previously uninspectable inventory accessible.

This capability allows for thorough assurance and management of such portfolios.



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