

Proceco Integrity & Value

When you partner with **PROCECO** ...

You are placing your parts-cleaning needs in reliable hands. Since 1975 Proceco's team has been developing a comprehensive expertise in water based parts-cleaning and surface treatment technology. All of our resources are committed to meeting your exact requirements—from application analysis in our state-of-the-art lab, to superior engineering and manufacturing of your system, to installation and start-up assistance, to after-sales service—wherever you are located, around the globe.



Integrated Cleaning Solutions

At Proceco we go beyond parts-cleaning.

Our strength is designing innovative cleaning systems with integrated supplementary processes. This single source responsibility approach also assures upstream and downstream integration in your manufacturing environment. We employ pre-engineered base modules that can be combined in a variety of configurations allowing flexibility and minimal lead time.

Proceco's expertise in supplementary processes includes:

- **Material handling:** Robot, pick and place, continuous and indexing conveyors
- **Automation**
- **Precision hydro-deburring**
- **Machining centre**
- **Weight control**
- **Marking system**
- **Leak testing**
- **Demagnetization system**



Modular Cleaning & Surface Treatment Systems



Proceco's aqueous, solvent-free systems are not only the environmentally friendly way to clean, they are more economical to operate than outmoded solvent systems.

A complete selection of Typhoon® modular systems is available to meet your needs and can be customized to handle virtually any workpiece.

Modular Belt Washers are conveyor-type systems designed for continuous processing of parts up to 300 pounds per square foot.

Turntable Washers are designed to process a single work piece (up to 20,000 lb) or basket-loaded, small-part batches.

Spray-Immersion Washers combine power-spraying, immersion and rotation to handle complex parts inside baskets or fixtures.

Rotary Washers are designed for final or in-process cleaning of new components using a single load/unload point.

Drum Washers tumble workpieces such as screw-machine parts, fasteners, small die-castings and stampings to expose all surfaces to spray-cleaning jets.

LEAN Manufacturing Washers: Proceco's SigmaClean® line offers a variety of cleaning processes: Conveyor, Agi-Spray, and Rotary to meet minimal footprint requirements in a LEAN production cell.

Immersion Tank Lines feature multi-stage processes designed to clean and carry out surface treatment such as phosphating and anodizing workpieces, mainly in MRO applications.

And More



Hydro Deburring

Integrated with Proceco's parts-washer, the Proceco hydro-deburring technology effectively removes unwanted soft burrs, chips, dirt and debris from all narrow cavities, threads and edges of aluminum and steel parts.

Our process uses fixed and rotating nozzles to precisely direct high-velocity hydro-jets, into specific areas as well as the overall part surface. Proceco's hydro-deburring system consistently performs pollution-free deburring and cleaning at a high production rate.

Parts located on a custom fixture



Robot manipulating parts into hydro-jet



Industries We Serve

In 30 years, we have installed more than 6,000 systems worldwide:



Automotive: OEM's and Tier 1 / Tier 2 automotive components such as: oil pumps, engine blocks and transmission gears.



Rail and Transit: Traction motor gearcases, bogies, engine blocks and oil pans, wheel sets, bearings and more.



Aviation and Aerospace: Bearings and wheel rims, landing gear, engines and components.



General Manufacturing: After machining and forming of metal, pre-paint cleaning and phosphating, military and earth-moving equipments.



Pharmaceutical: Production tools, utensils, tablet presses and dies, packaging contact parts and hoses.



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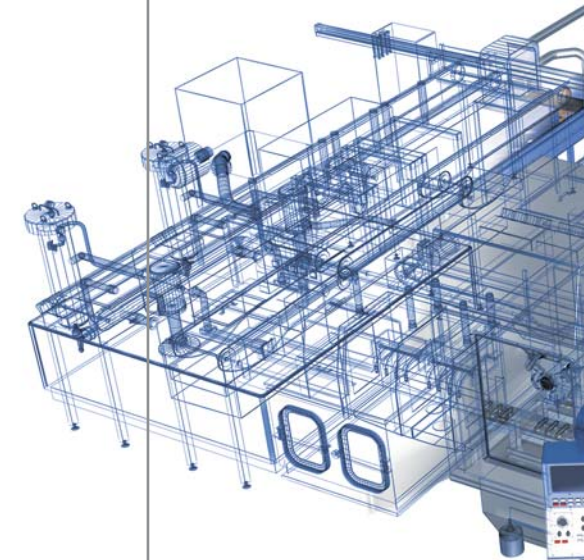
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