

TYPHOON[®]-AWW

Aircraft Wheel Cleaning System

Before



After



Designed to clean up to 30 aircraft wheel hubs of any size in an 8-hour shift, the Proceco Typhoon[®]-AWW is the proven choice of commercial airliners worldwide.

The Typhoon[®]-AWW aircraft wheel cleaning system uses the latest aqueous cleaning technology to remove grease, rubber residues, dirt and brake dust from wheel hubs prior to inspection or overhaul.

The Typhoon[®]-AWW was developed to meet your cleaning specifications. Consistent cleaning performance is achieved using aqueous-based solutions that fully comply with environmental regulations.

A base model uses recirculating, hot alkaline solution that is sprayed on the wheel at high pressure to remove oil, grease and dirt. At the same time, the rotating brush removes accumulated rubber on the bead seat area. The wheels are then rinsed with non-recirculated fresh water, and the spent water is diverted to drain. To further improve the cleaning process, Proceco's unique slurry blast stage can be added to effectively remove the carbon deposited on wheels fitted with carbon brakes. Other options such as automatic loading and unloading are available to tailor the system to your needs.

By replacing tedious manual cleaning and handling with a Typhoon[®]-AWW cleaning system, your service department will: increase productivity, obtain uniform and repeatable high cleanliness quality, and reduce risk of injury.



System shown with automatic load and unload

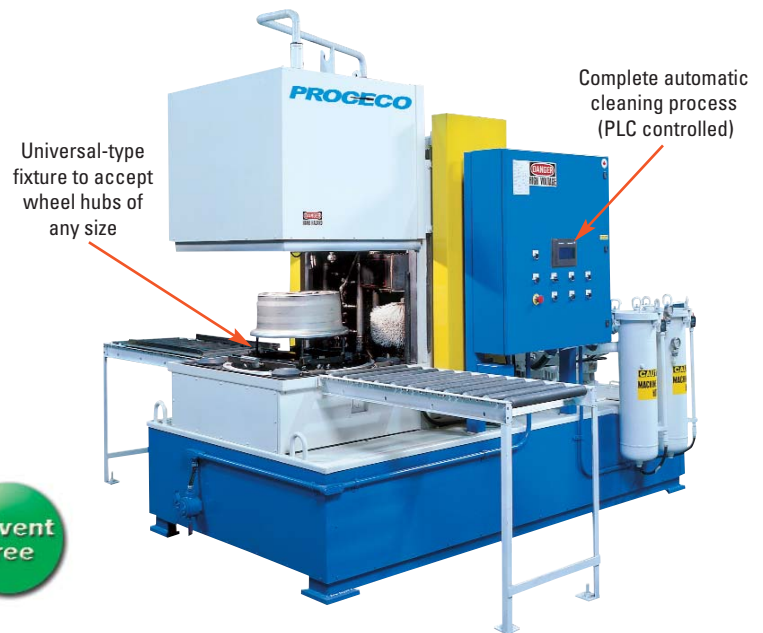
PROCECO[®]
Integrated Cleaning Solutions

Aircraft Wheel Cleaning System

Clean up to 30 aircraft wheel hubs in an 8-hour shift

Standard Features

- Stainless-steel 304 construction
- Three(3) universal-type wheel hub fixtures
- Vertical sliding cabinet hood with safety latch
- Recirculated wash
- Freshwater rinse
- Plant air blow-off
- Two chip baskets accessible by a hinged tank cover
- Rotating polypropylene brush
- Programmable logic controller (PLC) with preprogrammed cleaning process
- Stainless-steel disc-type oil skimmer
- Exhaust blower
- All moving parts are covered with safety guards
- Automatic solution level control
- Low solution level heating system protection
- Electric solution heating
- Fully insulated solution tank and hood
- Low energy consumption design resulting in lower heating requirements
- Vertical sealless pump
- Maximum noise level of 80 dB(A)
- Finish: two-component epoxy paint
- Easy access to mechanical components



	Specifications	Imperial	Metric
	Production (wheels per 8-hour shift)	30	30
	Turntable diameter	32"	810 mm
	Maximum work height	20"	510 mm
	Loading height	40"	1016 mm
	Maximum workpiece weight	150 lb	70 kg
Wash stage	Tank capacity	470 USgal	1780 litres
	Pump capacity @ 60 Hz	200 USgal/min @ 175 psi	760 litres/min @ 12 bar
	Pump motor	50 hp	37 kW
Recirculating rinse stage (Optional)	Tank capacity	120 USgal	455 litres
	Pump capacity @ 60 Hz	115 USgal/min @ 60 psi	435 litres/min @ 4 bar
	Pump motor	7 ½ hp	5,5 kW
Slurry blast and rinse stage (Optional)	Tank capacity	120 USgal	455 litres
	Pump capacity @ 60 Hz	245 USgal/min @ 60 psi	930 l/min @ 4,1 bar
	Pump motor	15 hp	11 kW

Options

- Recirculated rinse
- Recirculated slurry blast and rinse stage
- Automatic load and unload system
- Stainless-steel pump, spray manifolds, exhaust blower and brush core
- Special parts basket
- Marine door on tank
- Power supply other than standard 460V