



8-Stage Immersion Cleaning System for Used Jet Engine Parts

MODEL # ADT 62 x 62 x 30-S-8

PROGECO Exclusive Features:

- Environmentally friendly - no solvents. Bio-degradable commercial detergents only.
- Re-circulating principle - water-based cleaning solutions conserve energy, detergent and water.
- Power spray principle - produces high-quality and high-speed cleaning.
- Low chemical cost - 3 to 5% detergent in water.
- Low energy cost - spray cabinet and tanks fully insulated, programmable heating systems.
- No health hazard to workers.



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Scope

Workpiece.....	Aircraft engine parts
Application	Cleaning after disassembly and prior to inspection
Production	50 – 70 batches per 8-hour shift per cleaning line
Cleanliness	Visually free of liquid and solid contaminants
Dryness	Traces of water remaining that evaporate in ambient air within minutes

Features

Benefits

PC-based industrial-grade computer and touchscreen.....	Integrated record-keeping software, currently unmatched in the airline industry. Significant improvement with zero downtime, enabling twice the production over the previous system and allowing for reduced engine spare parts inventory
to add traceability records and to control the processes of the cleaning lines. Paradigm 31 software to run the system and Fix 32 to provide Human Machine Interface	
Single-point service connections	For faster installations
Top-fed steam heating coils.....	No need to drain tanks to service heating coils, if needed

Technical Data

Tank size	62" × 62" × 84" deep / 1,500mm × 1,500mm × 2,100mm deep
Max workpiece size	60" dia. × 30" high / 1,500mm dia. × 750mm high
Max workpiece weight	500 lbs / 250 kg
Number of tanks.....	8
Process.....	Degrease - rinse - rinse- permanganate - rinse - descale - degrease - rinse
Tank agitation	Pneumatic vertical oscillation
Connected power.....	460V - 3PH - 60Hz - 40A / 380V - 3PH - 50Hz - 50A (steam heating)
Floor space requirement	13' W × 54' L / 4,0 m W × 16,5 m L
Connected steam	3,800,000 Btu/hr / 950 kcal/hr