



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..... 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 | 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 |
| 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 |