



INDEXING PRECISION CLEANING SYSTEM WITH COOLING TOWER

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Cooling tower ensures that parts exit at a consistent ambient temperature, ensuring repeatability in subsequent leak-testing operation. Vertical tower conserves floor space and provides an accumulation of parts.



PROGECO[®]
Integrated Cleaning Solutions

INDEXING CONVEYOR PRECISION CLEANING SYSTEM WITH COOLING TOWER

MODEL # 24 × 16-4W-2R-HBO-SS-G-Cooling tower

Scope

Customer	Tier 1 supplier of automotive parts
Workpiece	Aluminum oil pan
Application	After machining / prior to leak test
Production	120 parts per hour
Cleanliness	Visually free of solid and liquid contaminants
Dryness	100% dry, parts exit at ambient temperature

Features

Benefits

Conveyor is equipped with special fixtures	To accurately position parts in reference to spray nozzles
Blow-off between wash and rinse	Minimizes solution crossover from wash to rinse
Nozzle arrangements using 0° and 15° spray patterns	Specifically designed to clean blind holes and cavities to remove fine chips and coolant
Gas-fired hot water heating system	25% increase in efficiency over standard packaged gas burner
Duplex bag filters installed on wash stage with warning light	Signals operator to change bag filters without shutting down the process
A/B SLC with Panelview 550 operator interface	Screen diagnostics quickly lead operator to potential problems
Counterflow water make up, wash tank is automatically filled by rinse tank water. Rinse tank only receives fresh water	Maintains cleanest rinse possible