



6-Stage Turntable Spray Cleaning System for Decorative Forged Components

MODEL # HD 62 × 78-G-2500-4-RD-SS

PROGECO Exclusive Features:

- Environmentally friendly – no solvents.
- Re-circulating principle – water-based cleaning and rinsing solutions conserve energy, detergent and water.
- Multiple stages – clean, and produce various surface treatments with only one system.
- Power spray principle – produces high-quality and rapid cleaning.



PROGECO[®]
Integrated Cleaning Solutions

6-Stage Turntable Spray Cleaning System for Decorative Forged Components

Scope

Customer	Manufacturer of decorative forged lighting fixtures
Workpiece.....	Steel components of various sizes and shapes loaded in baskets
Application	Cleaning prior to welding or painting
Cleanliness	Free of welding slag, dust, and surface rust

Features

Benefits

6-stage process

- 1) Recirculating, heated alkaline wash
- 2) Freshwater rinse to drain
- 3) Recirculating, heated mild acid etch
- 4) Recirculating, heated alkaline neutralizer
- 5) Freshwater rinse to drain
- 6) Recirculating heated sealing rinse

Exhaust

Stage 1

Recirculated wash, 450 USgal/min @ 70 psi Reach every part surface to effectively remove and flush away oxides and scales

Stage 3,4 & 6

Recirculated solution, 115 USgal/min @ 60 psi..... Reach every part surface and effectively remove residues and previously applied solution

Two cabinet doors

Allow fast reload of the system for an optimal batch- run/day

PLC with HMI

Automatic control of the process, programmable cycle times, system diagnostics and, status warnings

Thermal insulation on tanks, floor in cabinet, and 7-day heating program

Energy conservation

Technical Data

Turntable diameter	62" / 1575mm
Clear height over turntable	78" / 1980mm
Recirculated solution operating temperature.....	120-140°F / 49-60°C
Wash tank volume	600 USgal / 2,274 liters
Acid etch tank volume	300 USgal / 1,137 liters
Neutralizer tank volume	300 USgal / 1,137 liters
Sealer tank volume	300 USgal / 1,137 liters

