

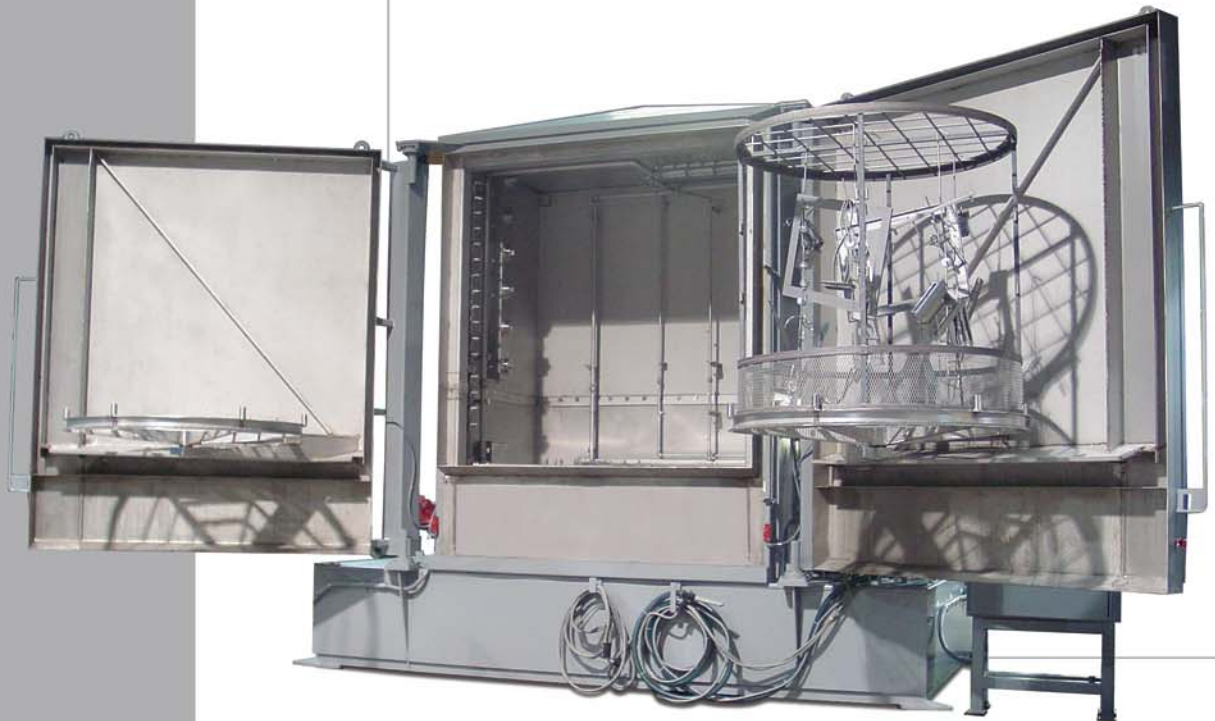


## 6-Stage Turntable Spray Cleaning System for Decorative Forged Components

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**<sup>®</sup>  
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

