The Leading Manufacturer Of Cryogenic Shot Blast Deflashing Machines

MODEL SCC 3000 - CRYOGENIC DEFLASHER

We Build The World’s Most Efficient, Long-Lasting And Economical Cryogenic Deflashing Machines

No Internal Gear Boxes
On-Board Drying System
Premium Low Temperature Hoses

Visit cryomatic.com for Machine Specifications • Deflashing Guidelines • Latest Updates

MACHINE SPECIFICATIONS

**DIMENSIONS:**
- 50’’/1270mm Wide x 34’’/863mm Deep x 73’’/1854mm High (cabinet only)
- Weight 2100 lbs./954 Kg.
- Work area required approximately: 10’/3000mm x 9’/2743 mm

**MATERIALS:**
- Cabinet, shafts, transfer auger, separator - 304 stainless steel

**INSULATION:**
- 2’’/51mm thick urethane foam
- Cryogenic door gasket

**REFRIGERANT:**
- Liquid Nitrogen to -205°F/-130°C

**MECHANICAL FEATURES:**
- 3 cu.ft/85 liters parts basket
- 9’’/229mm Diameter Throwing Wheel (8000 rpm. max)
- 24’’/610 mm SWECO separator
- Media feed - single auger (vertical)
- Pneumatic door open/close
- Air lock door seal
- External gear box
- Removable vent cartridge

Specifications may change without notice.

**ELECTRICAL FEATURES:**
- 12’’/266 mm Color Touch Panel
- 1,000 Parts Programs Standard
- Automatic & Manual Mode
- Siemens PLC Controller
- Siemens AC Motor Drives
- Fuseless & Resettable Motor Protection
- 5HP (4kW) Variable Speed Throw Wheel Motor
- 2HP (1.5kW) Variable Speed Media Feed
- 1HP (.75kW) Basket Motor
- Energy Efficient, Inverter Duty Motors
- Free Standing Enclosure 18’’x72’’x30’’
- 50 Hz - 460V, 60A, 3PH
- Security Lock Out

**TOUCH SCREEN CONTROL FEATURES:**
- 12’’/266 mm Color Touch Panel
- Siemens S1200
- Eliminate unnecessary hardware
- Reduces I/O requirements and wiring
- Eliminates interconnecting terminal blocks
- Replaces discrete devices (push button, pilot lights, etc.)

**AIR:**
- 80 - 100 PSI/5.5 - 6.9 BAR

**MEDIA:**
- Plastic Cryogenic Grade .015’’/.38 mm; .020’’/.50 mm; .030’’/.76 mm; .045’’/1.14 mm; .060’’/1.52 mm.

**ACCESSORIES:**
- Vent Collector
- Flash Collector
- On-Board Dryer
- Roll Around Media Dryer
- Conveyor Systems
- On-Board Drying System
- Vibratory Unload Tray

**INSTALLATION:**
- Start-up/Training (available)

**ELECTRICAL SERVICE:**
- 3 Ph, 460 Volts, 60 A, 60 Hz
- 3 Ph, 380 Volts, 60 A, 50 Hz

**SHIPPING:**
- FOB Point - Factory (Anaheim, California)

**WARRANTY:**
- 1 year / 2080 hours whichever occurs first, parts only, regular UPS shipping (Excluding normal wear items).

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Designated and Hand-Built in Anaheim, CA