

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 Deflashing range

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

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" (457x1829x762mm)
- 60 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
- Unload Tray
- Additional Program Memory
- Bar Code Reader
- 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).

Specifications may change without notice.

Designed and Hand-Built in Anaheim, CA

