

## THE LEADING MANUFACTURER OF CRYOGENIC SHOT BLAST DEFLASHING MACHINES

### MODEL SCC 3000 - CRYOGENIC DEFLASHER Technical Data

**No Internal Gear Boxes**  
**New Premium Low Temperature Hoses**



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**MACHINE SPECIFICATIONS**  
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#### **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:**

- 6 cu. ft/170 litre parts basket
- 3 cu. ft/85 litres of parts per load
- 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:**

- 10.5"/266 mm Color Touch Panel
- 200 Parts Programs Standard
- Automatic & Manual Mode
- Siemens/Allen Bradley PLC Controller
- Siemens/Allen Bradley 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

#### **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:**

- Catwalk/Service Platform
- Vent Collector
- Flash Collector
- Dryer
- Media Dryer/Hopper
- Unload Tray
- Allen Bradley Controls
- Additional Program Memory
- Bar Code Reader

#### **INSTALLATION:**

- Start-up/Training (available)

#### **ELECTRICAL SERVICE:**

- 3 Ph, 460 Volts, 60 A, 60 Hz
- 3 Ph, 400 Volts, 60 A, 50 Hz

#### **SHIPPING:**

- FOB Point - Factory (Placentia, California)

#### **WARRANTY:**

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

#### **TOUCH SCREEN CONTROL FEATURES:**

- 10.5"/266 mm Color Touch Panel
- Siemens TP 270/Allen Bradley PV 1000+
- Eliminate unnecessary hardware
- Reduces I/O requirements and wiring
- Eliminates interconnecting terminal blocks
- Replaces discrete devices (push button, pilot lights, etc.)

*Specifications may change without notice. REV. 6/7/07*

## CONTACT INFORMATION

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Test lab in Placentia, CA and for your added convenience, tests can also be conducted at Air Products & Chemicals in their Cryo-Trim lab's world-class facility in Allentown, Pennsylvania. Contact Mr. Glenn Stroup at 610.481.7826 or e-mail: [stroupgd@airproducts.com](mailto:stroupgd@airproducts.com)