

## THE LEADING MANUFACTURER OF CRYOGENIC SHOT BLAST DEFLASHING MACHINES

### MODEL SCC 750 - CRYOGENIC DEFLASHER Technical Data

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



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**MACHINE SPECIFICATIONS**  
**DEFLASHING GUIDELINES**  
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#### DIMENSIONS:

- 37"/940mm Wide x 56"/1422mm High x 25"/635mm Deep (cabinet only)
- Weight 1500 lbs./682 Kg.
- Work area required approximately 8'/2400mm x 10'/3000mm

#### MATERIALS:

- Cabinet, shafts, transfer auger, separator - 304 stainless steel

#### INSULATION:

- 2"/51mm thick urethane foam
- Cryogenic door gasket
- Insulated SWECO Separator

#### REFRIGERANT:

- Liquid Nitrogen to -205°F/-130°C Deflashing range

#### MECHANICAL FEATURES:

- 1.63 cu. ft/46 litre parts basket
- .75 cu. ft/21 litres of parts per load
- Media transfer - SINGLE AUGER (VERTICAL)
- 7.5"/190.5 mm dia. Throwing wheel (8000 RPM MAX.)
- 18"/458mm SWECO Separator

#### ELECTRICAL FEATURES:

- 10.5"/266mm Color Touch Panel
- 200 Parts Programs Standard
- Automatic and Manual Mode
- Siemens S7-200 PLC Controller
- Siemens Micromaster AC Motor Drives
- Fuseless & Resettable Motor Protection
- 5HP (4kW) Variable Speed Throw Wheel Motor
- 2HP (1.5kW) Variable Speed Media Feed
- Energy Efficient, Inverter Duty Motors
- Password Protection
- Free Standing Enclosure 18"x72"x30" (457x1829x762mm)

#### 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"/266mm 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)