

THE LEADING MANUFACTURER OF CRYOGENIC SHOT BLAST DEFLASHING MACHINES

MODEL SCC 1505 - 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:

- 38"/961mm Wide x 60"/1524mm High x 27"/686mm Deep (cabinet only)
- Weight 1800 lbs./818 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

REFRIGERANT:

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

MECHANICAL FEATURES:

- 3 cu. ft/85 litre parts basket
- 1.5 cu. ft/42 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
- 10HP (7.5kW) Variable Speed Throw Wheel Motor
- 2HP (1.5kW) Variable Speed Media Feed
- 1/2HP (.375kW) Basket Motor
- Energy Efficient, Inverter Duty Motors
- Free Standing Enclosure 18"x72"x36" (457x1829x914mm)
- 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

Mr. Stacy M. Morgan • 714.241.7793 • cryo@cryomatic.com

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