

THE LEADING MANUFACTURER OF CRYOGENIC SHOT BLAST DEFLASHING MACHINES

MODEL LCC 6000 - 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:

- 42"/1067mm Wide x 56"/1422mm Deep x 65"/1651mm High (cabinet only)
- Weight 3800 lbs./1727 Kg.
- Work area required approximately: 10'/3000mm x 9'/2700 mm

MATERIALS:

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

INSULATION:

- 3"/76 mm thick urethane foam
- Cryogenic door gasket

REFRIGERANT:

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

MECHANICAL FEATURES:

- 6 cu. ft/170 Liter Blast Chamber
- 3-4 cu. ft/85-112 litres of parts per load
- Media feed single auger (vertical)
- 100% Belt Support
- 12"/305 mm Diameter Throwing Wheel (8000 rpm .max.)
- 24"/610 mm SWECO separator
- Fewer moving parts reduce noise

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
- 3HP (2.2kW) Variable Speed Media Feed
- 1HP (.75kW) Mill Belt 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 .030/.76mm, .045/1.14mm, .060/1.52mm

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. 8/8/07

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