

GLASS PROCESSING SYSTEMS

- ◆ Decorating Systems **G101**
- ◆ Glass Bending Systems
 - Single Station Bender **G102**
 - Shuttle Bender **G102**
 - (4) Cart Bender **G102**
 - Auto Windshields
 - Aircraft Windshields
 - Furniture Glass
 - Ballistic Glass
- ◆ Flat Glass Laminating Systems - Autoclave **G104**
 - Windows
 - Safety/Security Glass
 - Bullet Resistant Glass
 - Noise Reduction Glass
 - Photovoltaic
 - Electro/Thermochromic
 - Decorative Laminates
- ◆ Flat Glass Laminating Systems - No-Autoclave
 - Batch **G109**
 - Conveyorized **G110**
 - Continuous **G104NA**
 - Short Runs
 - Same Day Service



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TYPICAL APPLICATIONS:

- ◆ Spandrel Glass for Architecture
- ◆ Screen Printed Glass for Obscuration Panels and Partitions
- ◆ Digital Printing - All Glass Sizes
- ◆ Decorative Glass for Doors and Windows
- ◆ Spandrel glass with fallout protection
- ◆ Appliance, Automotive and Aircraft Glass

INK TYPES:

- ◆ ICD OPACI-COAT-300® & OPACI-COAT-500®
- ◆ Water Based Ceramic Ink, Lead Free Opacifying Ink.
- ◆ Water Based Ceramic Ink, Lead Free Translucent Etch Coating.

SPECIFICATIONS FOR ROLL COAT APPLICATION:

Specs \ Model	60CO	72CO	84CO	96CO
Glass Width	60"	72"	84"	96"
Heated Width	72"	84"	96"	108"
Heated length	20 FT	20 FT	20 FT	20 FT
Connected Load	190 KW	222 KW	253 KW	285 KW
Exhaust Capacity	4000 CFM	4000 CFM	4000 CFM	4000 CFM
Estimated Power Consumption Based on 50% Conveyor Utilization:				
OPACI-COAT-300®*	76 KW/HR	85 KW/HR	100 KW/HR	110 KW/HR
Ceramic	125 KW/HR	145 KW/HR	170 KW/HR	185 KW/HR
Etch	110 KW/HR	130 KW/HR	155 KW/HR	170 KW/HR

PRODUCTION CAPABILITIES:

Ink Types	Line Speed	Glass/Coating Thickness	Drying Dwell Time	Exit Temp.
OPACI-COAT-300®*	4 - 10 FPM	6mm/8-12 mil wet	1.6 - 4.0 Min.	190°F
Ceramic	6 - 15 FPM	3mm/2-6 mil wet	0.5 - 2.0 Min.	300-350°F
Etch	6 - 10 FPM	6mm/1-mil wet	1.6 - 2.0 Min.	300-350°F

* OPACI-COAT-300® & 500® are registered marks of ICD, Vancouver, WA, USA



FEATURES:

- Screen Printer: Semi-Automatic, Fully Automatic, All Sizes
- Roll Coater: Union Tool Heavy Duty Series #45, Tricoater Reverse/Direct Roll Coater
- Digital Printing: Dot matrix Ceramic Inks
- Conveyor Speed: 3 - 20 FPM
- Compliance: Underwriter's Laboratories, CSA, cUL, NFPA, NEC, CE
- Controls: PLC Operator's Controls

OPTIONS AVAILABLE:

- ◆ Power Management System
- ◆ Spare Coating Roll
- ◆ Cooling Section
- ◆ Unload Conveyor
- ◆ SCR Power Controls
- ◆ Custom Systems

ADVANTAGES:

- ◆ Minimum floor space requirement
- ◆ Lowest power usage
- ◆ Maximum green strength developed
- ◆ Documented tests of all current ceramic inks and Opacicoat
- ◆ Minimum maintenance required
- ◆ Five decades of experience with over sixty systems installed