

## GLASS PROCESS SYSTEMS

- ◆ Spandrel Systems [G101](#)
- ◆ Glass Bending Systems
  - Single Station Bender [G102](#)
  - Shuttle Bender [G102](#)
  - (4) Cart Bender [G102](#)
  - Serial Bender [G103](#)
- Auto Windshields
- Aircraft Windshields
- Furniture Glass
- ◆ Flat Glass Laminating Systems [G104](#)
  - Windows
  - Safety/Security Glass
  - Bullet Resistant Glass
- ◆ Vacuum Ring Ovens [G105](#)
  - Automotive Windshields
  - Automotive Sidelites
  - Bent Safety Glass
- ◆ Decorative Dryers [G106](#)
  - Appliance Glass
  - Furniture Glass
  - Novelty Glass
- ◆ Automotive Ink Drying and Cooling [G107](#)
  - Windshields
  - Back Lites
  - Side Lites
- ◆ Specialty [G108](#)
  - CRT Faces
  - Touch Screens
  - Scratch Resistent Coatings
  - Anti-Glare Coatings
  - Mirror Backing Coatings

## TYPICAL APPLICATIONS:

- ◆ Spandrel Glass for Architecture
- ◆ Screen Printed Glass for Obscuration Panels and Partitions
- ◆ Decorative Glass for Doors and Windows

## INK TYPES:

- ◆ ICD OPACI-COAT-300®\*
- ◆ Pine Oil Based Ceramic Ink, Lead Free
- ◆ Terpinol Based Ceramic Ink, Lead Free
- ◆ Water Based Ceramic Ink, Lead Free

## SPECIFICATIONS:

Specs	Model	S60-OPTW	S72-OPTW	S84-OPTW	S96-OPTW
Glass Width		60"	72"	84"	96"
Heated Width		72"	84"	96"	108"
Heated length		16 FT	16 FT	16 FT	16 FT
Connected Load		146.3 KW	169.3 KW	192.3 KW	215.4 KW
Exhaust Capacity		800 CFM	1000 CFM	1200 CFM	1400 CFM
<b>Estimated Power Consumption Based on 50% Conveyor Utilization:</b>					
OPACI-COAT-300®*		76 KW/HR	85 KW/HR	100 KW/HR	110 KW/HR
Pine Oil		82 KW/HR	95 KW/HR	110 KW/HR	120 KW/HR
Terpinol		100 KW/HR	116 KW/HR	136 KW/HR	148 KW/HR
Water base		125 KW/HR	145 KW/HR	170 KW/HR	185 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
Pine Oil	12-16 FPM	6mm/3-6 mil wet	0.7 - 1.0 Min.	200-225°F
Terpinol	10-16 FPM	6mm/3-6 mil wet	1.0 - 1.6 Min.	250-275°F
Water Based	8-10 FPM	6mm/3-6 mil wet	1.6 - 2.0 Min.	300-350°F

\* OPACI-COAT-300® is a registered mark of ICD, Vancouver, WA, USA



## FEATURES:

- Roll Coater: Union Tool Heavy Duty Series #45, Model C Reverse Roll Coater
- System Length: Overall 40 FT Including 10 FT Infeed, 10 FT Intermediate Conveyors
- Conveyor Speed: 5 - 15 FPM
- Roll Spacing: 12" (24" minimum glass size)
- Compliance: Underwriter's Laboratories, CSA, NFPA, NEC, CE

## OPTIONS AVAILABLE:

- ◆ Power Management System
- ◆ PLC Operator's Control
- ◆ SCR Power Controls
- ◆ Cooling Section
- ◆ Unload Conveyor
- ◆ Spare Coating Roll
- ◆ 6" Roll Spacing (12" minimum glass size)
- ◆ Custom Systems

## ADVANTAGES:

- ◆ Minimum floor space requirement
- ◆ Lowest power usage
- ◆ Maximum green strength developed
- ◆ System size based on green strength requirements
- ◆ Documented tests of all current ceramic inks and Opacicoat
- ◆ Minimum maintenance required
- ◆ Four decades of experience
- ◆ Over forty systems operating



**Toll Free: 800-988-4455**  
**Tel.: 845-354-2500**  
**Fax: 845-362-1856**  
 e-mail: sales@cassosolar.com  
 website: www.cassosolar.com

P. O. Box 163 ♦ U. S. Rt. 202  
 Pomona, NY 10970