DIGITAL CERAMIC IN-GLASS PRINTING

Resolution 1000 dpi

Dip-Tech *ARi*

Exceptional throughput for all applications at the highest resolution

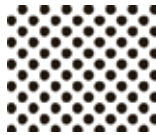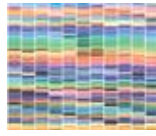**Benefit from the most advanced digital ceramic in-glass printer**

- New technology delivers top-quality results with exceptionally high throughput
- Superior resolution and vivid colors
- Variable drop size, for high image quality with high productivity for all applications
- Automated ink recirculation in the print head ensures optimal ink condition for smooth and consistent printing

- Thermal drop-fixation preserves high quality and efficiency
- Fast color change
- Stationary glass printing for extremely accurate print quality
- Optimized footprint to save on production floor space

THROUGHPUT

PRINTING ENGINE

- Innovative printing engine
- Highest throughput for all applications at the highest resolution
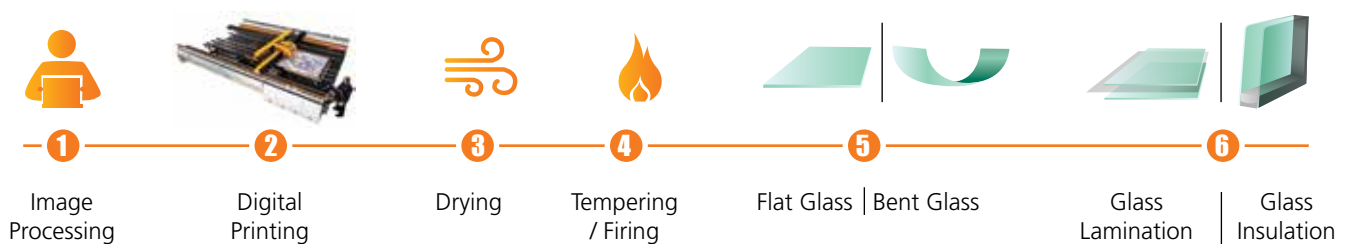- Superior jetting power – Up to **300 MDPS** (**M**illion **D**rops **P**er **S**econd)

APPLICATIONS

		ARi	ARi+
Single color		Up to 140 Sqm/hr	Up to 250 Sqm/hr
Multi color		Up to 70 Sqm/hr	Up to 100 Sqm/hr
Photorealistic		Up to 40 Sqm/hr	Up to 50 Sqm/hr

KEY SPECIFICATIONS

	Dip-Tech ARi1400	Dip-Tech ARi4000	Dip-Tech ARi6000	Dip-Tech ARi6000W
Maximum glass size (mm)	2800 x 1400	2800 x 4000	2800 x 6000	3300 x 6000
Minimum glass size (mm)	400 x 400			
Glass thickness (mm)	2-19	2-19	2-19	2-19
Inks	Dip-Tech Premium Spectrum Inks, Dip-Tech Extra Durable S1 Inks, Dip-Tech Slip-Resistance Ink, Dip-Tech Architectural Light Scattering Ink, Dip-Tech Automotive Black Ink, Dip-Tech Anti-Stick Ink			
Drop-Fixation system	Included			
Software	DXP3 Advanced (includes RIP, Pattern Generator, Color Atlas)			
Inline pass through conveyer	Included			
Dryer	Real-Time Dryer Kit (optional)			
Overall dimensions (mm)	3300 x 6070 x 1600	5800 x 6070 x 1600	7750 x 6070 x 1600	7750 x 6070 x 1600
Image format	All popular graphic formats, including PDF, PS, EPS, Tiff, BMP and JPEG			
Ambient temperature	18-25℃			
Electrical phase	3X16A			

WORKFLOW

1. Image Processing
2. Digital Printing
3. Drying
4. Tempering / Firing
5. Flat Glass │ Bent Glass
6. Glass Lamination │ Glass Insulation

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