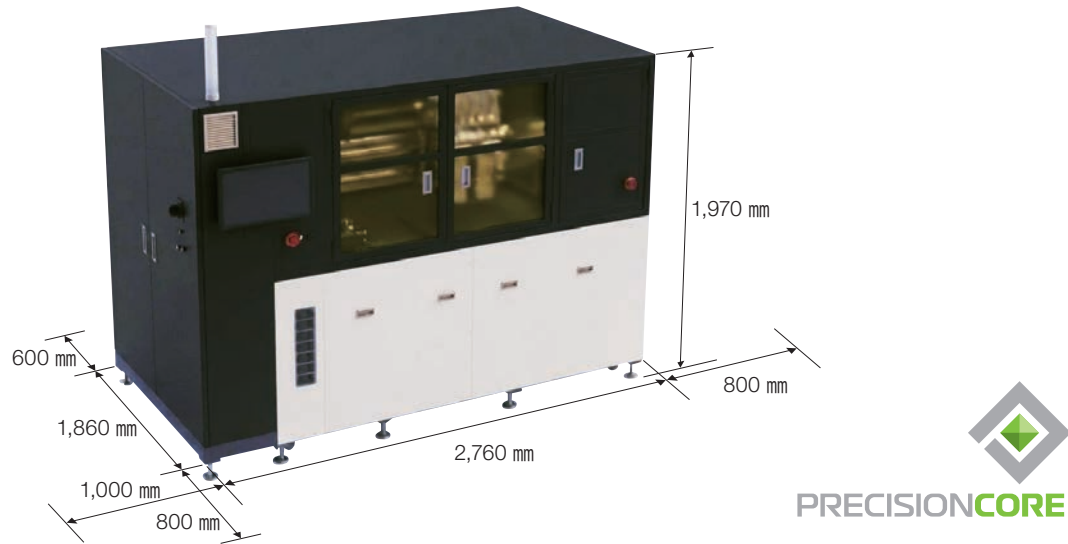


Technical Specifications

Item		Specifications	Remarks
Printing		Piezo inkjet	
Printhead		S800 x 6 (up to 7) (PrecisionCore Micro TFP Printhead)	Printhead options: Aqueous, solvent or UV ink compatible
Print resolution		600 x 600 dpi	Standard print mode
Printhead carriage unit	Axis configuration	X-axis (scanning) + Y-axis (front-back) + Z1-Z7 axes (individual vertical movement for each head)	
Workpiece gripping unit	Axis configuration	6-axis robot for workpiece gripping and transfer	EPSON C8-C901S 6-axis robot
	Max. payload	8 kg	includes weight of jig
Supported workpiece size	3D objects	Up to 1200 mm x 1200 mm x 500 mm (W x D x H)	With dedicated jigs for each workpiece
	Flat stage	Up to 300 mm x 300 mm x 180 mm (W x D x T)	
Printable area		1000 mm x 600 mm x 180 mm (W x D x T)	Recommended for regular quality (Relaxed depending on expected image quality)
Surface tilt (scan axis)		Up to 45°	
Ink supply		Ink tank and ink circulation	Ink tank capacity: 250mL/head
Installation environment (recommended conditions)		20-30°C, 35-55% RH (non-condensing)	
Utilities	Power requirements	AC 200V, up to 30A, 3-phase, 50/60Hz	For 400 V supply, a transformer is required on the customer side
	Air pressure	0.4 MPa or more, 100 L/min	
	Exhaust port diameter	Φ150 mm x 2	Facility:≥10m ³ /min
Power consumption		2.3 kW	Rated power consumption
Dimensions		2760 mm x 1860 mm x 1970 mm (W x D x H)	Tower lamp excluded (H: 255 mm)
Weight		Approx. 1900 kg	
Printhead heater		R.T. to 50°C	
Curing light source		UV-LED	

System and working area dimensions



SEIKO EPSON CORPORATION

● Trademarks and registered trademarks are the property of Seiko Epson Corporation or their respective owners.
 ● Product information is subject to change without prior notice.
 ● Pictures in this document are shown for illustrative purposes only.

(As of September 1, 2026)

EPSON

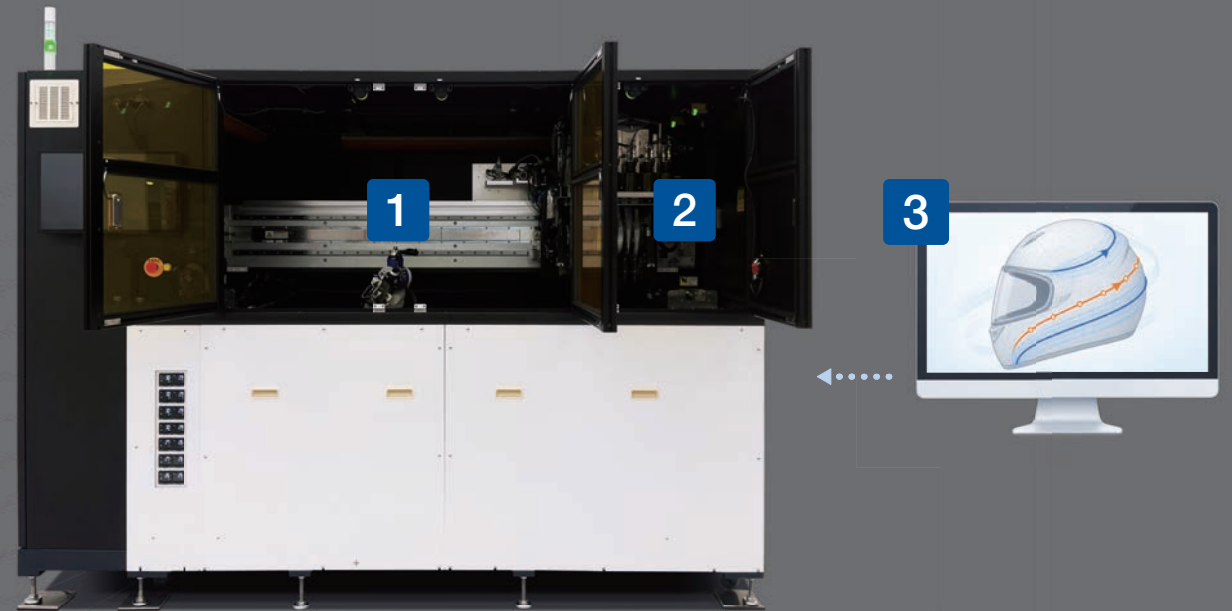


CONTOURJET

Transform Printing on 3D Objects with CONTOURJET
 A direct-to-shape inkjet printing system for curved and complex surfaces



CONTOURJET



Decorate shaped products in full color, on demand

— Raising product value while eliminating manual work.

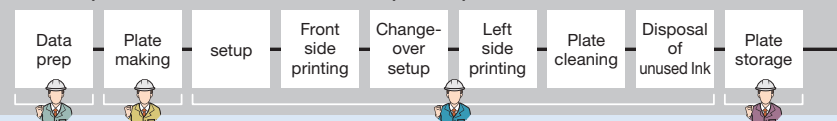
	Conventional decoration	CONTOURJET
Shape	Curved or uneven surfaces need dedicated jigs, and complex shapes are hard to print cleanly	Prints full color directly onto curved and contoured surfaces
Color & design	A separate plate needed for every color; multi-color and gradients are costly	Full color in one pass, with white, varnish and primer — vivid on any material
Design change	Every change means a new plate and setup	Prints straight from 3D data — change the design, or personalize every piece, without plates
Lot size	Plate and setup costs make small runs expensive	With no plate costs, small runs and one-offs are profitable
Labor	Positioning and color control depend on skilled operators	Automated and repeatable, without relying on skilled operators
Environment	Spray and screen work create solvents and cleaning waste	Plate-free, with far less solvent and waste

Customer use case

Switching from an analog to a digital printing process enabled on-demand, short-run printing jobs while raising productivity, improving safety, and reducing lead-times and labor costs. Digital printing time: Approx. 2 min. (2 sides)

Analog helmet decoration — Silk screen printing on front and left —

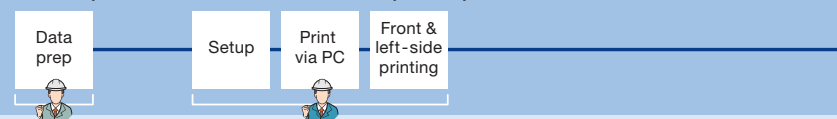
Time required: 40 to 60 minutes in a four-person process.



- **Labor-intensive workflow:** Printing done in multiple steps, relies heavily on manual work.
- **Efficiency depends on skill:** Printing time varies depending on the skill of labor.

CONTOURJET — Digital printing on two sides front and left —

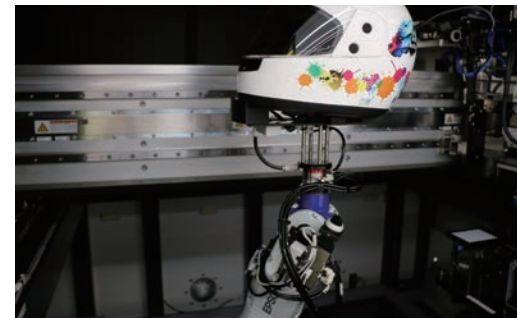
Time required: 15 to 20 minutes in a two-person process



- **Streamlined workflow:** The digital process has fewer steps and significantly reduces manual labor.
- **Consistent productivity:** Productivity remains stable regardless of the operator's skill level or experience.



1



Handles large, complex 3D workpieces

A 6-axis robot grips and positions each workpiece. Handles 3D objects up to 1200 mm x 1200 mm x 500 mm in size and 8 kg (jig included) in weight. Tilts the surface up to 45 degrees to print evenly across curved and steep contours. Built on a linear-motor platform, it scales to even larger, long-form workpieces.

2

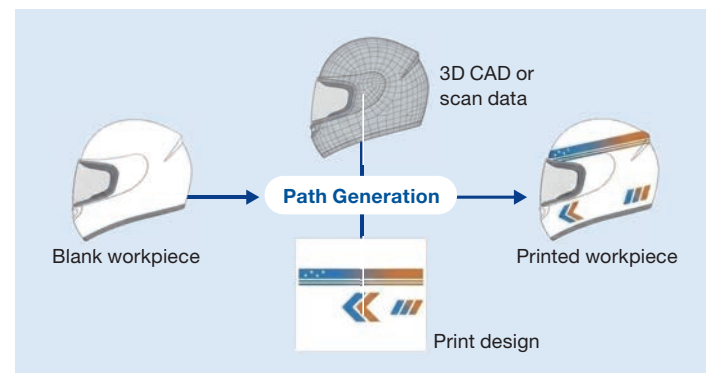


Up to 7 printheads with specialty inks

PrecisionCore S800 printheads print at 600 dpi with UV-LED curing and ink circulation for stable jetting. Beyond CMYK, lay down white, varnish, and primer for vivid color and finish on any material.



3



Path Generation

Path generation is available as a service for each new shape you print. The print path is generated from CAD or 3D scan data, and your design is then laid out along that path. Paths are saved and reused for later runs.