DigiPro

Why Choose DigiPro?
Industrial laundries, textile manufacturers, and corporate clothing producers rely on a vast stock of textile emblems. They benefit from short delivery times, low transportation costs, and minimal investments. DigiPro provides a solution on all fronts. With DigiPro, you can internally produce your textile emblems, ensuring your ability to respond flexibly to market demand. Thanks to DigiPro, you have access to an advanced UV inkjet printer with a cutting plotter that is easy to operate. When combined with specially designed textile rolls with thermoplastic adhesive by Thermopatch, you can effortlessly create emblems in any shape and color, in the highest quality. DigiPro maximizes your business's flexibility.

How does it work?
With DigiPro's in-house printing options, you can get started right away. All you need is a suitable space at your location. The essential components of the DigiPro concept include:

- A professional inkjet printer with an integrated cutting plotter
- Textile rolls with a thermoplastic adhesive layer
- Design support

Using the versatile printer with a cutting plotter and accompanying software, you can create emblems of any size, shape, and color quickly. It's even possible to print photographic images. Afterward, you instruct the printer via a computer or laptop to precisely cut the prints, resulting in immediately usable emblems. And just as important, all emblems you produce are industrially washable.

DigiPro is exclusively integrated with the Roland MG-640, the ultimate choice for top-quality emblem printing and cutting. LED lights in the printer ensure that UV inks dry instantly without generating heat, allowing seamless printing on thermoplastic adhesive-backed textiles. The Roland MG-640 also serves as a cutting plotter, enabling you to create precise contours.

Textile rolls for DigiPro
With DigiPro, we aim to provide ease of use and top quality for our customers. That's why we offer specially developed textile rolls for DigiPro with a thermoplastic adhesive layer, ensuring perfect results. The choices include Digiline, Digiline Pro, and Digiline FR as base materials, ideal for further processing on heat seal presses. The rolls are 135 centimeters wide and come in rolls of up to 20 meters in length.

Software and Training
The Roland MG-640 printer with an integrated cutting plotter and related software are supplied by Thermopatch. We are also responsible for installation, maintenance, and training.

Thermopatch's Design Studio services
Before you can print an emblem with the Roland MG-640, a design file is required, including the necessary colors and cutting lines. You can make use of Thermopatch's Design Studio services

through the online portal. Simply place your order, and our team will ensure that a ready-to-use file is available to you within 24 hours.

		MG-640	MG-300
Size		64 inch	30 inch
Dimension		2,819 × 7 81 × 1,316 mm (111 x 31 x 52 in.)	1,945 × 7 81 × 1,316 mm (77 x 31 x 52 in.)
Media	**Width**	210 to 1,625 mm (8.3 to 64 in.)	182 to 762 mm (7.2 to 3 0 in.)
	Thickness	Max. 1.0 mm (39.3 mil) with liner, for printing Max. 0.4 mm (1 5.7 mil) with liner and 0.22 mm (8.6 mil) with outliner, for cutting	
	Roll outer diameter	Max. 210 mm (8.2 in.)	
	Roll weight	Max. 40 kg (88 lb .)	Max. 25 kg (55 lb .)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)	
Ink	**Inks**	Eight Colors (Cyan, Magenta, Yellow, Black, Orange, Red, White, Gloss) and Primer, Decal Release Primer, Shrink Inks	
	Capacity	220 / 500 ml cartridge (ECO-UV)	
		CMYKOrReWhGl CMYKOrReWhWh CMYKOrReW hPr CMYKReW hGlPr CMYKWhGlGlDe CMYKWhW hGlPr CMYKWhWhGlGl CMYKCMYK	
Resolution		Max. 1,440 dpi	
RIP (included)		VersaWorks	
Cutting	**Cut pressure**	500 gf	
	Cut speed	10 to 300 mm /s (0.39 to 11.8 in./s)	

The specifications, design, and dimensions mentioned are subject to change without prior notice.
[1]Print or cut length depends on program limitations.
[2]500 gf is the maximum immediate blade force. Blade force should be set based on details such as media thickness.
[3]Operating environment (for use in a business environment within this range.)