



Arc 127

Advanced Roller Cutter

INTRODUCTION

Arc 127 Arc 127 (Advanced Roller Cutter 127), DTF Station's first automatic roller cutting machine with a maximum cutting width of 27 inches (70 cm). It supports both sheet and roll cutting modes, with options for single-blade and dual-blade cutting. Arc 127 is ideal for a wide range of materials, including DTF and UV DTF prints, it is a powerful tool for boosting productivity in DTF and UV DTF image production.

- Digirip integration requires Cutter Addon Module

FEATURES

- **Automated Cutting:** cut your DTF or UV DTF prints in an easier, less labor-intensive & less labor-expensive workflow
- **Seamless Integration:** integrate seamlessly with DigiRIP RIP Software and DTF Station's line of printers
- **Simple, user-friendly interface:** easy to use with intuitive control panel
- **Versatile:** cuts various materials (see specifications below for details)



BENEFITS

- **Easy to use and maintain**
- Ideal automatic prints cutting solutions or large format **DTF printers (at least 24"/60 cm) and all UV DTF printers**
- **Suitable users: Industrial-level users /Printing factories**



SPECIFICATIONS

Max. Media Width	27.5" (700mm)	Mechanical Resolution	0.05mm
Max. Cutting Size (Rolls)	26.8"x34.6" (680mmx880mm)	Machine Dimensions	57.4" W x 51.2" D x 40" H 146cm x 130cm x 100cm
Max. Cutting Size (Sheets)	23.6"x31.5" (600x800mm)	Packaging Dimensions	67" W x 50" D x 46.8" H 170cm x 127cm x 118.9cm
Max. Cutting Force	9.8N	Machine/Packaging Weight	240 kg/250 kg (529 lbs/551 lbs)
Cutting Speed	39.4"/s (1000mm/s)	Electrical Parameters	1.1KW / 110V / 10A 1.1KW / 220V / 5A
Cutting Thickness	0.5-3mm (with optional cutting tools)	Suitable Users	Industrial-level users /Printing factories

For more Details

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TOOLS

- **High-Precision Passive Rotary Blade:** Made from high quality tungsten steel, it supports full and half cuts, suitable for flexible materials like vinyl films and adhesive labels.
- **Large Diameter Snap Ring Blade (Optional):** Ideal for cutting paper materials with a thickness of 1-1.3mm, providing smooth cutting edges.

WORKFLOW

- CCD supports QR code selection, simplifying file management, and allowing flexible segment processing for improved operational convenience.
- Allows setting any starting point, automatically returns to the origin after processing, supports matrix processing for multiple sheets, reducing operational steps.

STRUCTURE

Aluminum Vacuum Platform:

Vortex design with strong suction, enhancing material flatness.

Conveyor System:

Equipped with pneumatic clamps and roll material support, improving the adhesion between the material and the conveyor belt.

Feeding Design:

Designed for processing long roll materials, saving installation time and enhancing cutting stability.

Multi-Functional Operation:

Supports blind cutting, edge detection, and single-sheet processing, meeting diverse needs.

Cutting Precision:

Camera accurately reads marks, suitable for precise contour cutting.

Independent electrical system and pneumatic system:
easier maintenance and troubleshooting

ARC 127 BUNDLE



Arc 127

DTF Printers

- Prestige XL2
- Prestige XL2 Pro
- Prestige XL3
- Prestige XL4

DTF Shakers

- Miro 24
- Seismo M24
- Seismo L24R

UV-DTF Printers

- Aries 113
- Aries 124

Heat Press Machine

- Prisma Swing
- Prisma Auto

ARC 127 APPLICATION



Vinyl Signage



Stencils



DTF / Heat Transfer



Window Tinting Film



Party Decorations



Vinyl Decals

For more Details

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