

# BARRACUDA 5000

## Specifications



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## BARRACUDA 5000

The Teckwin BARRACUDA 5000 UV LED is a leading heavy duty device for printing industry with smooth and accurate nature of a barracuda. Super wide format and high-precision, all in a heavy-duty printer, producing thousands of colours and exquisite details of your choice.

## BARRACUDA 5000

### UV LED Roll To Roll Printer



Machine	BARRACUDA 5000		
■ Printhead			
Printhead	Fuji Starfire SG1024 7 or 10pl ; Up to 16 heads		
Color	CMYK x 4   CMYK+Lc+Lm and White		
■ Print mode			
Printhead	Fuji Starfire SG1024	Quality mode	Draft mode
Mode	1-Pass (635*600)	220 sqm/h	475 sqm/h
	2-Pass (635*1200)	140 sqm/h	265 sqm/h
	3-Pass (635*1800)	95 sqm/h	175 sqm/h
	4-Pass (635*2400)	65 sqm/h	140 sqm/h
■ Printing (mm)			
Max printing size	5000		
Max material size	5150		
Max material weight	225 kg/roll		
Max material thickness	1 mm		
Feeding system	Roll to roll		
Ink supply system	Auto continuous supply		
■ Software			
File format	The system works with PostScriptR3TM and accepts all existing file format, including EPS, TIFF, JPG (RGB mode) etc.		
RIP	Optional		
Workstation	I7 / 8G / 1TB / DVD		
System	Windows 7		
■ Description			
Dimension(mm)	8730 L * 1410 W * 1910 H		
Weight (kg)	6000		
■ Work			
Site area (mm)	12730 L * 5410 W * 2800 H		
Power	AC380V ±10%: 3 phases: bed vacuum pump- AC380V ±10%: 3 phases: 50/60Hz		
Maximum power	8 kW		
Temperature	18 - 29°C		
Humidity	40 - 80% RH (not condensing)		



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- Symmetrical heads in 2 rows with CMYK and a total of 16 heads.
- Water cooling system for the print table to avoid material wrinkles from UV heating.
- Advanced print table vacuum system, to match the different material thickness/width, avoid material wrinkles and guarantee optimal printing quality.
- Magnetic head carriage motor for the best printing quality and resolution.
- Multi-roll option.



- Semi-automatic up & down head carriage lifting.
- High power dual servo motor for material feeding system to ensure material flatness and step precision.
- Dual roller for rewinding/feeding system, for easy heavy material installing/uninstalling. Adjustable motor speed for proper rewinding tension.
- Independent negative air pressure for each colour, to guarantee head stability at high-speed printing mode.
- Advanced ink supply and circulation system for SG1024 head, to ensure air bubble removal from the ink supply system and guarantee dot consistency at high-speed printing mode.

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