



High-quality & multi-application  
1.8m RTR LED-UV printer !

**T HUNDERJET**  
BEYOND YOUR IMAGINATION

**AQ1800UV**



**Compact body with varnish option!**



Multi-layer application



White ink recirculation



Water cooling platen



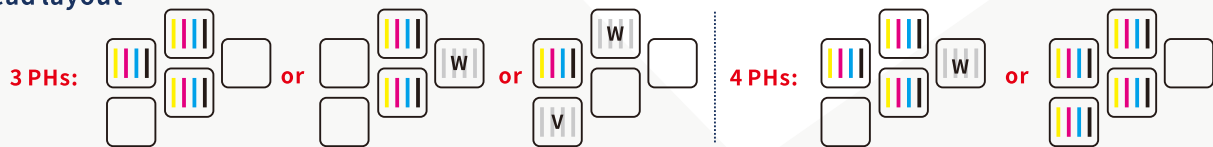
Anti-collision unit

# THUNDERJET AQ1800UV

ITEM	SPECIFICATION					
Model	ThunderJet AQ1800UV					
Print Head	3~4 Epson I3200 U1 print heads					
Technology	Piezo Variable dot (Greyscale)					
Curing System	Dual water cooling LED UV lamps					
Ink	Flexible UV Ink					
Color Config.	KCYM; W+KCYM; W+KCYM+V					
Ink Supply System	Bulk ink supply system + White Ink Recirculation System					
Printing Width	Max. 1800mm					
Media Type	Banner, Coated PP, Vinyl, Backlit textile, PVC film, PET film					
Roll Weight	Max. 50kgs					
Core Diameter	3 in. (76.2mm) or 2 in. (50.8mm)					
Printing Speed	Mode	Resolution	Color(3H)	CWC	CWV	CWKWC
	Draft	720x1200dpi	46.8m <sup>2</sup> /h	20m <sup>2</sup> /h	11.5m <sup>2</sup> /h	3.9m <sup>2</sup> /h
	Production	720x1200dpi	41m <sup>2</sup> /h	17m <sup>2</sup> /h	9.5m <sup>2</sup> /h	
	High-res	720x1800dpi	32.5m <sup>2</sup> /h	11m <sup>2</sup> /h	7m <sup>2</sup> /h	2.6m <sup>2</sup> /h
	Photo	720x1800dpi	23m <sup>2</sup> /h	7.6m <sup>2</sup> /h	6m <sup>2</sup> /h	
Data Interface	External: Ethernet; Internal: Fiber Optical					
Working Environment	Temp.23°C~29°C, Humidity:50%~80%					
Software	FlexiPRINT/ Onyx(Optional)...+GZ Printer Manager					
Power	Single phase, 50Hz/AC, 220V±10%, 5A(Printer+UV Controller)					
Packed/Installed Size	LxWxH(mm): 3620*1150*950/3400x990x1630					
G.W./ N.W.	510kgs/364kgs					

Specifications are liable to change without prior notice. The printing speeds are measured in 1.8 m width printing.

## Head layout



### Multi-layer Printing Application

Particularly designed for multi-layer applications: colorful; 2layers:W+C/C+W; 3layers:CWC; 4layers:CKWC-Day and Night; 5layers:CKWKC on demand with fine details.



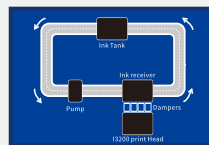
### Capping & Wiping system

Capping & Wiping System with one-pass wiper speeds up the print head maintenance with much lower noise. It keeps the print head in good status to achieve perfect output.



### Water Cooling Platen

Unique water cooling platen enables printing on a wide range of materials without wrinkle, including heat-sensitive substrates.



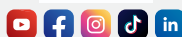
### White Ink Recirculation System

The white ink is circulated at regular intervals during idle time to prevent pigment sedimentation that leads to malfunctions of the print head.

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