



Turbo Plus & Turbo Plus 220

Speed, Reliability and Innovation

The production speed and reliability of the Columbia Turbo and wider Turbo 220 has made this platform the most popular high volume UV flatbed in the world. The latest variant, the Turbo Plus provides the end-user with a cost effective method of producing short run display PoP and signage.

Turbo Plus & Turbo Plus 220

Technical Specifications

	Turbo Plus	Turbo Plus 220		Turbo Plus	Turbo Plus 220		
Print area (max)	3.2 x 1.6m 126 x 86"	3.2 x 2.2m 126 x 86"	Physical Characteristics				
Print area (min)	148 x 210mm 5.82 x 8.26"	148 x 210mm 5.82 x 8.26"		Power supply	400-440v 3 phase	400-440v 3 phase	
Productivity Print speed per hour m ² /ft ²				Width	3.2m (10.5')	3.8m (12.5')	
Application: Poster	170m /1827'	170m /1827'		Length	9.45m (31.5')	9.45m (31')	
Display/POP	120m /1290'	120m /1290'		Height	2m (6.6')	2m (6.6')	
High quality	60m /645'	60m /645'		Space requirement	15 x 7.5m (50 x 25')	15 x 8.1m (50 x 26')	
Back lit	54m /580'	54m /580'		Approximate weight	3750kgs (8250lbs)	4500kgs (9900lbs)	
Substrate thickness	40mm /1.5"	40mm /1.5"		Factory air requirement	90psi	90psi	
Print finish	Satin	Satin		RIP	Wasatch	Wasatch	
Direct to rigid and flexible substrates	✓	✓		Network requirements	1000BaseT	1000BaseT	
Ideal applications				Machine Features			
Point of Purchase	✓	✓			Number of Piezo print heads per print module	16	16
In-store graphics	✓	✓			Full vacuum table	✓	✓
Exhibition graphics	✓	✓			Maximum substrate weight	40kgs (88lbs)	40kgs (88lbs)
Theatre graphics	✓	✓	Micro height adjustment control for maximum print quality		✓	✓	
Backlit displays	✓	✓	Print edge to edge		✓	✓	
Indoor signage	✓	✓	Print double sided in registration		✓	✓	
Outdoor signage	✓	✓	Registration points		Double	Double	
Construction & real estate signs	✓	✓	Text quality		Fine (10pt)	Fine (10pt)	
Lenticular/ 3D printing	✓	✓	One year printer warranty		✓	✓	
Rigid building coverings	✓	✓	Additional colours				
					Light colours (Lm, Lc)	○	○
					Ultratone and white	○	○
					Other Features		
			AutoSpeed material handling	○		○	

✓ Standard ○ Optional

Features and Benefits

Flatbed design

- Moving bed design for maximum productivity
- Ergonomic design for ease of material handling
- Strong vacuum capable of handling irregular media
- Laser exclusion zone for operator safety
- Additional colour option
- Capable of supporting up to 40kgs (88lbs)

x-y registration

Dual registration points allows for:

- Edge to edge printing
- Double sided printing
- Ideal for interchanging between screen and digital printing

AutoSpeed - semi-automated handling system

- Increases productivity
- Reduces operator intervention
- Single or multi-sheet capability
- Suitable for a wide range of rigid and flexible materials
- Handles material up to 10mm (0.39") thick and 10kgs (22lbs) in weight

The Uvijet Advantage

Using Sericol's unique Micro-V ultrafine dispersion technology to maximise pigment loading, the Uvijet range of UV curing inks delivers strong vibrant, lightfast colours.

- Environment-friendly UV curable process
- Specifically formulated for each individual printer
- Excellent chemical and abrasion resistance
- Exceptionally wide adhesion range *
- Printhead replacement programme available
- 5-litre open top containers for ease of use

* For certain applications the use of a Uvijet adhesion promoter is recommended.



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