ONE OF THE INDIA'S LEADING MANUFACTURER OF SOLVENT, ECO-SOLVENT AND UV INKJET PRINTERS

Digital
Innovations

About
Our Company

Digital Innovations is the fastest growing wide format digital inkjet printer manufacturer in the India.

Digital Innovations is globally reputed for its deep commitment to Technological Innovations, Strong Outreach & Service Infrastructure and Complete Customer Focus maintain its leadership position.

Our
Infrastructure

Digital Innovations is manufacturing printers in India since year 2013 , and offeres Solvent Printers and UV Printers for signage and other industrial applicatins under the brand name AVIGHNA.
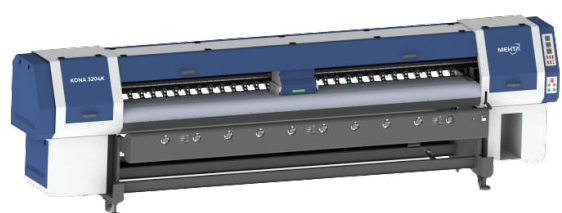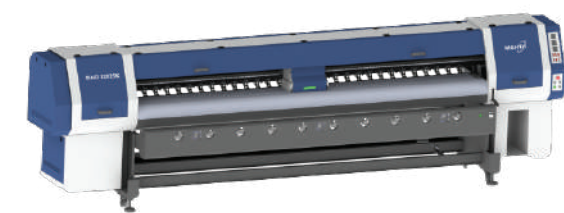
Digital Innovations also manufactures Direct textile fabric printers with adhesive blanket for fabric transportation, for printing onto all natural fabrics such as cotton / wool /silk etc and artificial fabrics like polysters based, with reactive dye / disperse dye / pigment inks.

This facility occupies area of 20,000 Sq.ft with trained Employee workforce working with dedication to give the best quality and performing Printers Range.

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SOLVENT PRINTER

AVIGHNA R2R SES 3200

Max Print Width: 3.2 mt (10 ft)
Printhead: KONICA 512i, 30PL
Speed: Depends on the configurations

AVIGHNA R2R 3200

Max Print Width: 3.2 mt (10 ft)
Printhead: KONICA 512i, 30PL
Speed: Depends on the configurations
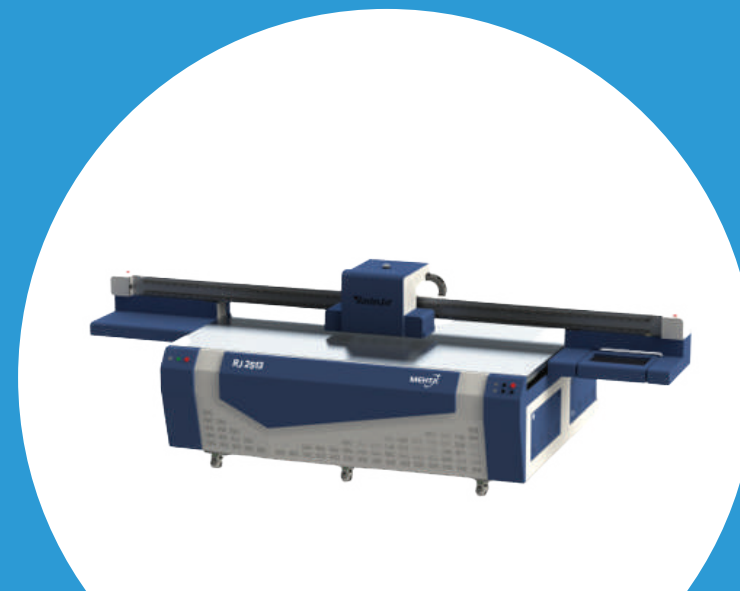
ECO SOLVENT PRINTER

AVIGHNA R2R ECO i3200

Max Print Width: 1.8 mt (6 ft)
Printhead: EPSON i3200 E1
Speed: Depends on the configurations

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UV FLATBED PRINTER

AVIGHNA FB 1590

Printing area: 900 mm x 1500 mm
Printhead: RICOH GEN5i/RICOH GEN6
Speed: Depends on the configurations

AVIGHNA FB 2400

Printing area: 2500 mm x 1300 mm (8 ft x 4 ft)
Printhead: Ricoh Gen 5 Printheads
Speed: Depends on the configurations

AVIGHNA R2R UV 3200

Max Print Width: 3.2 mt (10 ft)
Printhead: RICOH GENS, 7 PL
Speed: Depends on the configurations

AVIGHNA HY 2400

Max Print Width: 1.8 mt (6 ft)
Printhead: RICOH GENS/RICOH GENS
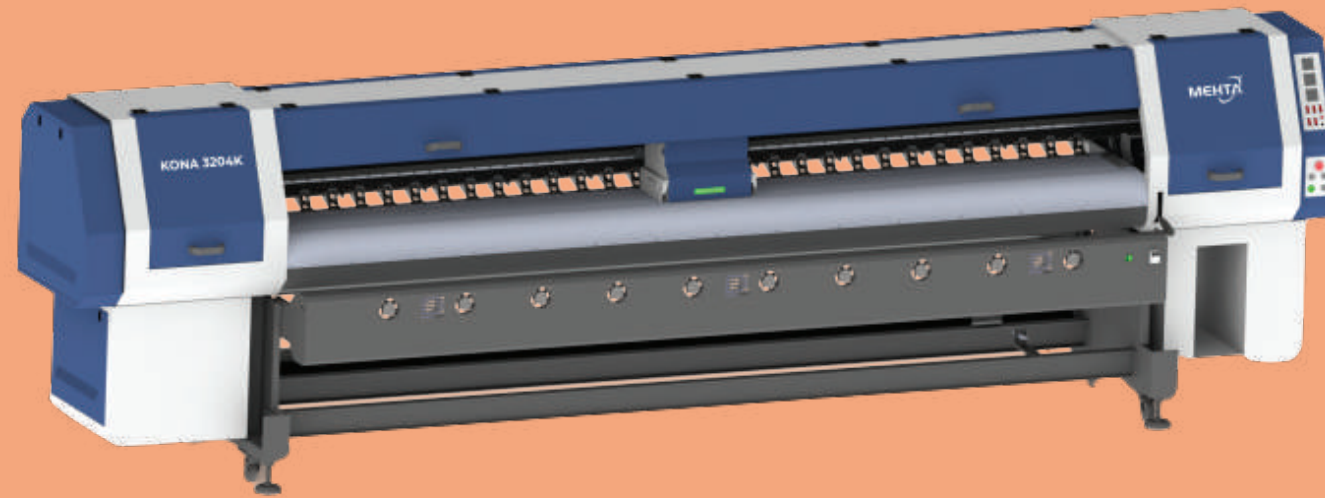Speed: Depends on the configurations

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AVIGHNA R2R SES 3200

Features

Manually Adjustable Platform Suction.

Multi-Heating & Drying System.

High Strength Steel Body Frame and High-Precision Linear Guide.

Electronic Nozzles Flash Control.

Automatic Negative Pressure Adjustment With Pressure Purges Cleaning System.

Model	AVIGHNA R2R SES 3200					
Print Heads	2 x RICOH GEN5 Print Heads , 7PL			4 x RICOH GEN5 Print Heads , 7PL		
Speed	Mode	Resolution	Speed(upto)	Mode	Resolution	Speed(upto)
	2 Pass	360 x 600 dpi	900 sq.ft./hr	2 Pass	360 x 600 dpi	1700 sq.ft./hr
	3 pass	360 x 900 dpi	750 sq.ft./hr	3 pass	360 x 900 dpi	1400 sq.ft./hr
	4 Pass	360 x 1200 dpi	550 sq.ft./hr	4 Pass	360 x 1200 dpi	1000 sq.ft./hr
Printing Technology	Piezo Drop on Demand Inkjet Technology with grayscale capability					
Ink	C.M.Y.K Solvent					
Ink Supply	Auto Consistent Ink Supply With Negative Air Pressure System					
Feeding System (Optional)	Automatic Media Feeding System with Optical Sensor / Taking Up					
Drying System	Pre, Post Heater + IR Drying System					
Printing Width	Max. 3200mm					
Media Type	Paper, PVC, Banner, Frontlit, Backlit, Vinyl, Film...					
Rip Software (Optional)	MainTop, ONYX, Colorgate, SAi					
Image Format	.PDF, .JPEG., .TIIF					
Data Interface	External: USB 3.0 / Ethernet					
Power	Single Phase 50Hz/AC 220V±10%, 10A (Printer) + 16A (IR Drying System)					
Working Environment	Temp 23°C~29°C, Humidity: 50%~80%					
Installed/ Package Size	LxWxH(mm): 4445x812x1397					
N.W./G.W.	500kgs approx.					

AVIGHNA R2R 3200

Features

Automatic Negative Pressure Adjustment With Pressure Purges Cleaning System.

Manually Adjustable Platform Suction.

Multi-Heating & Drying System.

High Strength Steel Body Frame and High-Precision Linear Rail.

Electronic Nozzles Flash Control.

Model	AVIGHNA R2R 3200					
Print Heads	4 x KONICA KM512i Print Heads , 30PL			8 x KONICA KM512i Print Heads , 30PL		
Speed	Mode	Resolution	Speed(upto)	Mode	Resolution	Speed(upto)
	2 Pass	360 x 360 dpi	1400 sq.ft./hr	2 Pass	360 x 360 dpi	2800 sq.ft./hr
	3 pass	360 x 540 dpi	850 sq.ft./hr	3 pass	360 x 540 dpi	1900 sq.ft./hr
	4 Pass	360 x 720 dpi	650 sq.ft./hr	4 Pass	360 x 720 dpi	1300 sq.ft./hr
Printing Technology	Piezo Drop on Demand Inkjet Technology					
Ink	C.M.Y.K Solvent					
Ink Supply	Auto Consistent Ink Supply With Negative Air Pressure System					
Feeding System (Optional)	Automatic Media Feeding System with Optical Sensor / Taking Up					
Drying System	Pre, Post Heater + IR Drying System					
Printing Width	Max. 3200mm					
Media Type	Paper, PVC, Banner, Frontlit, Backlit, Vinyl, Film...					
Rip Software (Optional)	MainTop, ONYX, Colorgate, SAi					
Image Format	.PDF, .JPEG., .TIIF					
Data Interface	External: USB 3.0 / Ethernet					
Power	Single Phase 50Hz/AC 220V±10%, 10A (Printer) + 16A (IR Drying System)					
Working Environment	Temp 23°C~29°C, Humidity: 50%~80%					
Installed/ Package Size	LxWxH(mm): 4445x812x1397					
N.W./G.W.	500kgs approx.					

AVIGHNA R2R ECO i3200

Features

EPSONI3200 E1 HIGH SPEED PRINT HEAD.

AUTO CAPPING & WIPING SYSTEM.

INTELLIGENT IR DRYING SYSTEM.

HIGH-PRECISION SILENT LINEAR RAIL.

IGUS(Germany) BRAND SUPER CARRIER CHAIN & CABLE SUPER PRECISION WITH LOW NOISE.

Model	AVIGHNA R2R ECO i3200					
Print Heads	One Epson i3200 E1			Two Epson i3200 E1		
Speed	Mode	Resolution	Speed(Upto)	Mode	Resolution	Speed(Upto)
	4 Pass	360 x 1200 dpi	240 sq.ft./hr	4 Pass	360 x 1200 dpi	470 sq.ft./hr
	6 pass	360 x 1800 dpi	170 sq.ft./hr	6 pass	360 x 1800 dpi	330 sq.ft./hr
Printing Technology	Piezo Drop on Demand Inkjet Technology					
Ink	C.M.Y.K Eco Solvent Ink					
Ink Supply	Auto Consistent Ink Supply With Negative Air Pressure System					
Feeding System (Optional)	Automatic Media Feeding System with Optical Sensor / Taking Up					
Drying System	Pre, Post Heater + IR Drying System					
Printing Width	Max. 1600mm					
Media Type	Paper, PVC, Banner, Frontlit, Backlit, Vinyl, Film...					
Rip Software (Optional)	MainTop, ONYX, Colorgate, SAi					
Image Format	.PDF, .JPEG., .TIIF					
Data Interface	External: USB 3.0 / Ethernet					
Power	Single Phase 50Hz/AC 220V±10%, 10A (Printer) + 16A (IR Drying System)					
Working Environment	Temp 23°C~29°C, Humidity: 50%~80%					
Installed/ Package Size	LxWxH(mm): 2950x675x1400					
N.W./G.W.	190kgs approx.					

AVIGHNA FB 1590

Features

High speed than any regular UV Printers, thanks to its electronic & Panasonic AC Servo Motor.

Z-Axis Movement up to 100 mm, One can print on 100 mm thickness media.

UV printers are equipped with latest silent LM guide.

All AC Servo motors and drives are from Panasonic (Japan), for long life, trouble and maintenance free operation.

Smart printing technology enable to higher productivity.

White ink recirculation system is preventing to sedimentations of ink pigment.

Model	AVIGHNA FB 1590	AVIGHNA G5 1590
Print Heads	Ricoh Gen5i	Ricoh Gen5/Gen6
Printing Technology	Piezoelectric on-demand inkjet technology with grayscale capability	
No. of Printheads (optional)	Upto 4 Print Head	
Printable Media Size	900mm X 1500mm	
Acceptable Media Thickness	Up to 300mm	
Ink Type	UV LED curable Ink	
Capacity	1.5 liter /bottle	
Colours (optional)	Cyan, Magenta, Yellow, Black, White and Varnish	
Configuration	(1) CMYK+White, (2) CMYK+WV, (3) CMYK+White+CMYK (4) CMYK+LC,LM+W+V	
Ink Curing Unit	UV LED Lamps	
Software(Optional)	MainTop, ONYX, Colorgate, SAi	
Interface	USB 3.0 , Ethernet	
Power Supply	AC 220 V ± 10%, 50/60 Hz	
Required Power Capacity	For Printer Operation (15A) max. + For vacuum Platform (10A) max	
Power Consumption	Maximum 6.8kVA	
Dimensions	LxWxH(mm): 2236x2363x1372	
Environment	(Power on) Temperature: 21°C to 30°C (69° to 86°F)/Humidity: 35 to 80% (Power off) Temperature: 5° to 40°C (41° to 104°F) / Humidity: 20 to 80%	
Weight	700kg approx.	

AVIGHNA FB 2400

Features

High speed than any regular UV Printers, thanks to its electronic & Panasonic AC Servo Motor.

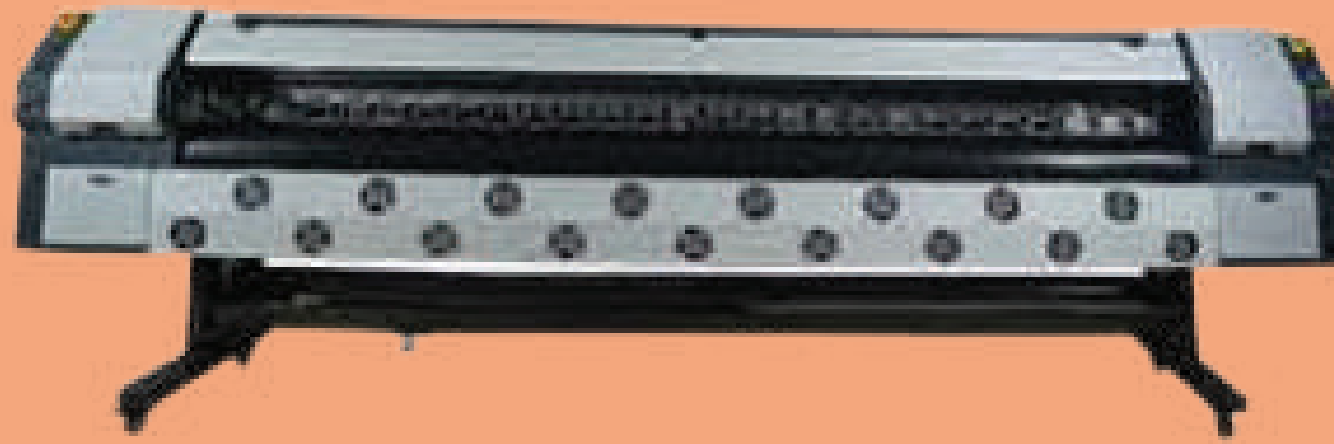Z-Axis Movement up to 100 mm, One can print on 100 mm thickness media.

UV printers are equipped with latest silent LM guide.

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Model	AVIGHNA FB 2400	AVIGHNA G6 2400
Print Heads	Ricoh Gen5	Ricoh Gen6
Printing Technology	Piezoelectric on-demand inkjet technology with grayscale capability	
No. of Printheads (optional)	Upto 8 Print Head	
Printable Media Size	2500mm X 1300mm	
Acceptable Media Thickness	Up to 100mm	
Ink Type	UV LED curable Ink	
Capacity	1.5 liter /bottle	
Colours (optional)	Cyan, Magenta, Yellow, Black, White and Varnish	
Configuration	(1) CMYK+White, (2) CMYK+WV, (3) CMYK+White+CMYK (4) CMYK+LC,LM+W+V	
Ink Curing Unit	UV LED Lamps	
Software(Optional)	MainTop, ONYX, Colorgate, SAi	
Interface	USB 3.0 , Ethernet	
Power Supply	AC 220 V ± 10%, 50/60 Hz	
Required Power Capacity	For Printer Operation (15A) max. + For vacuum Platform (10A) max	
Power Consumption	Maximum 6.8kVA	
Dimensions	LxWxH(mm): 4293x2134x1270	
Environment	(Power on) Temperature: 21°C to 30°C (69° to 86°F)/Humidity: 35 to 80% (Power off) Temperature: 5° to 40°C (41° to 104°F) / Humidity: 20 to 80%	
Weight	1150kg approx.	

AVIGHNA R2R UV 3200

Features

High speed than any regular UV Printers, thanks to its electronic & Panasonic AC Servo Motor.

Z-Axis Movement up to 100 mm, One can print on 100 mm thickness media.

UV printers are equipped with latest silent LM guide.

All AC Servo motors and drives are from Panasonic (Japan), for long life, trouble and maintenance free operation.

Smart printing technology enable to higher productivity.

White ink recirculation system is preventing to sedimentations of ink pigment.

Model	AVIGHNA R2R UV 3200
Print Heads	Ricoh Gen5/Gen6
Printing Technology	Piezoelectric on-demand inkjet technology with grayscale capability
No. of Printheads (optional)	Upto 8 Print Head
Printing Width	Max. 3200mm
Acceptable Media Thickness	Up to 3mm
Ink Type	UV LED curable Ink
Capacity	1.5 liter /bottle
Colours (optional)	Cyan, Magenta, Yellow, Black, White and Varnish
Configuration	(1) CMYK+White, (2) CMYK+WV, (3) CMYK+White+CMYK (4) CMYK+LC,LM+W+V
Ink Curing Unit	UV LED Lamps
Software(Optional)	MainTop, ONYX, Colorgate, SAi
Interface	USB 3.0 , Ethernet
Power Supply	AC 220 V ± 10%, 50/60 Hz
Required Power Capacity	For Printer Operation (15A) max. + For vacuum Platform (10A) max
Power Consumption	Maximum 6.8kVA
Dimensions	LxWxH(mm): 4293x2134x1270
Environment	(Power on) Temperature: 21°C to 30°C (69° to 86°F)/Humidity: 35 to 80% (Power off) Temperature: 5° to 40°C (41° to 104°F) / Humidity: 20 to 80%
Weight	500kg approx.

AVIGHNA HY 2400

Features

High speed than any regular UV Printers, thanks to its electronic & Panasonic AC Servo Motor.

Z-Axis Movement up to 100 mm, One can print on 100 mm thickness media.

UV printers are equipped with latest silent LM guide.

All AC Servo motors and drives are from Panasonic (Japan), for long life, trouble and maintenance free operation.
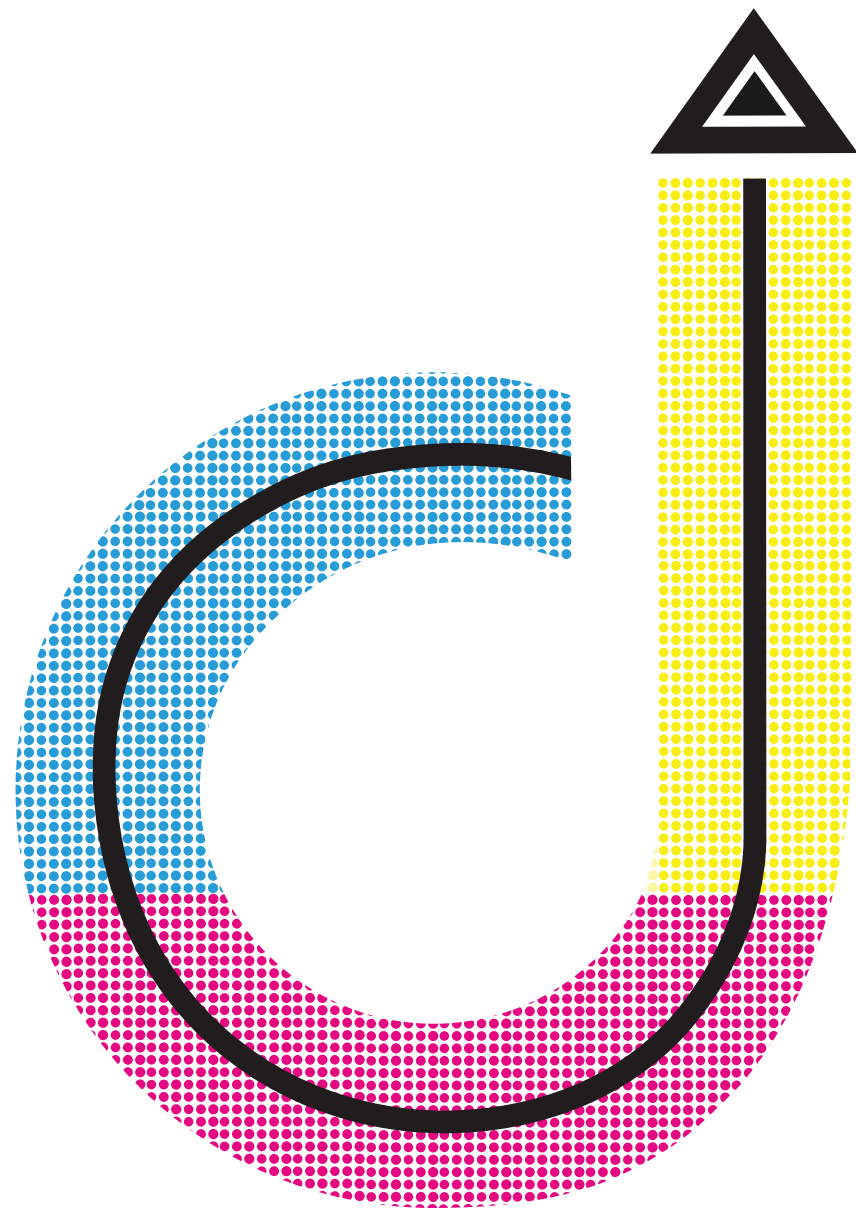
Smart printing technology enable to higher productivity.

White ink recirculation system is preventing to sedimentations of ink pigment.

Model	AVIGHNA HY 2400	
Print Width	1.7M	
Print Heads	Ricoh Gen5 print heads	
Print Head Quantity	2-3 Print Head	
Print Head Height	Upto 50mm Optional	
Print Head Skill	Piezoelectric Inkjet	
Ink	Ink	UV Ink
	Type	CMYK/cmyk+White
	Color	ICC or Density Curve
	Color Gamut	2000ml
	Cartridge Capacity	Automatic Ink Supply
Precision	Ink Supply System	
Precision	720dpi X 900dpi	720dpi X 1200dpi
Print Media	PVC Board, Foam board, metal, glass, Ceramic tile, acrylic, TK Board, PP. PVC , Vinyl, etc.All Kind Of Board Material and Roll to Roll Material	
Platform Adsorption	750W Turbo Fan	
Drying System	UV LED	
Take-Up System	Photoelectric Sensor	
Rip Software	Photoprint	
Operation System	Windows 10/ Windows 7	
Power Supply	50/60HZ, 220V(30%)>30A	
File Format	TIFF, JPEG (the best file format is TIFF)	
Environment	Humidity:40%-60%, Temperature:20ºC-28ºC	

Contact Us

We will answer any questions you have about our company.

Digital Innovations

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