

DIGITAL PRINTING AT ITS BEST!

*Aura*

[www.auradesignsltd.com](http://www.auradesignsltd.com)

## Aura Designs Ltd.

Aura Designs Ltd is the latest trendsetter in the digital textile printing technology arena. The company formed by a group of technocrats with more than 2 decades of wide and varied experience across textile and apparel sectors, aims to change the dynamics of the market. It is striving to bring the best hardware and software technologies together and integrating the same in its product portfolio. It has helped the company to launch state-of-the-art, cutting edge products aimed at delivering higher outputs at lower costs thereby providing higher optimisation levels.

This best of parts and products strategy has helped the company to develop a sizeable footprint in the global market with sales and services in many countries. The company has successfully established a stellar leadership role in its product category and aims to back it up with highly qualified and trained service technicians to deliver high quality service and spares backup for improved customer satisfaction ▀



## HEXA PRO 6

### FAST SUBLIMATION PRINTERS

- 200+ m<sup>2</sup>/h (1 Pass)
- 6 Heads
- 40-100 GSM Paper
- 1800 mm Working Width
- 4/8 Colors
- High Intensity Inks
- Low Ink Consumption
- Cheap Cost of Production

## STAR 6

### DIRECT FABRIC PRINTER

- 6 heads
- 4/8 Colors
- High Speed
- Reactive/Acid/Disperse & Pigment Ink
- Suitable for all kinds of textile fabrics
- Jumbo rolls with pneumatic rollers
- Strong Heating & Drying System
- Degassing System (Optional)



# DIGITAL PRINTING AT ITS BEST!

MODELS	HEXA PRO 3	HEXA PRO 4	HEXA PRO 6	HEXA PRO 8
No of Heads	3	4	6	8
Head Type	5210		4720	
Ink Droplet Size	Variable Drop 3 to 21 pl			
<b>Productivity</b>				
360 X 1200 dpi		140m <sup>2</sup> /h (1 Pass)	200m <sup>2</sup> /h (1 Pass)	280m <sup>2</sup> /h (1 Pass)
360 X 1800 dpi	80m <sup>2</sup> /h (1 Pass)			
360 X 2400 dpi		75m <sup>2</sup> /h (2 Pass)	110m <sup>2</sup> /h (2 Pass)	150m <sup>2</sup> /h (2 Pass)
360 X 3600 dpi	46m <sup>2</sup> /h (2 Pass)	50m <sup>2</sup> /h (3 Pass)	75m <sup>2</sup> /h (3 Pass)	110m <sup>2</sup> /h (3 Pass)
<b>Working Width</b>	1800 mm			
Media	Heat Transfer Paper			
Features	Multi Air Suction System with Adjustable Strength			
	Adjustable Embedded Heating System			
	Adjustable Dryer Fan & Infra Red Heater			
	Take down sytem: Pneumatic (Optional for HEXA Pro 3)			
<b>Ink</b>	High Density Sublimation Ink			
No of Colors	4/6			4/8
Supply Mode	Continuous Ink Supply System			
Operating System	WINDOWS 64 Bit			
Date Interface	Neostampa (Recommended)			
Power	A/C 220 V 50/60 Hz 1.5 KW		A/C 220 V 50/60 Hz 6 KW	
Environment	Temperature 15 to 25°C			
	Humidity: 45 to 65			
Dimension (Machine)	2820x900x1550mm	2820x1000x1550mm	3180x1270x1600mm	
Weight (Machine)	250 Kg	333 Kg	435 Kg	
Dimension (Packing)	2950x760x740mm		3350x780x1010mm	
	2400x500x520mm	2520x920x850mm	2450x1300x850mm	
Weight (Packing)	215 Kg		370 Kg	
	110 Kg	245 Kg	285 Kg	

MODELS	STAR 6	STAR 8
No of Heads	6	8
Head Type	5210	4720
Dampers	Not Required	Required
	All technical detail for the print engine same as HEXA Pro 6/8	
No of Colors	4 or 8 Colors	
Ink Types	Reactive / Acid / Disperse & Pigment	
Media	All kind of Textile Fabric	
Feed & Take Up	Jumbo rolls with Pneumatic Rollers	
Features	Habasit Adhesive Blanket with Auto Cleaning & Drying System under fabric IR Dryer	
	Strong heating & drying system for fast drying in front degassing system for better run-ability (Optional)	
	Special opening roller & tension control at feed for even delivery	
	Cloth Pasting Roller	
Power	A/C 220 V 50/60 Hz 12 KW	
Dimension (Machine)	3180x2000x1650 mm	
Weight (Machine)	1400 Kgs	
Dimension (Packing)	3400x2000x1660 mm	
Weight (Packing)	1600 Kg	

## SMART

### T-SHIRT PRINTER



- Print on Light / Dark Garments
- Production: 80 to 100 T-shirts / hour
- Fine Printing | Brilliant Colours
- 2X EPSON 5113 Gold generation printheads
- White / Glitter, etc done by Screen printing
- Printing width of the printer is 145 CM
- Standard Printing Table length is 6 Metres (options available for 9,12,15 or 18 meters)
- Glass table / pallets & computer to be provided locally by the customer
- White inks are first printed via screen and then CMYK via digital. White ink used is wet on wet
- Post-treatment: Heat fixing through tunnel heater / heat curing box



**UV MODEL AVAILABLE.** Ideal for Shoes

## SOX

### 360° PRINTING MACHINE

- SOCKS
- LEGGINGS
- BODY SIZE GARMENTS
- PRINTING ON ALL SEAMLESS KNITTED FABRICS

- 500 Socks / Day
- EPSON 6 Colours Printheads
- 1440 DPI
- Ready for NeoStampa RIP Software
- Robust Design
- Variable Dot



## BEETLE

### T-SHIRT PRINTER



MODELS	SMART	BEETLE
No of Heads	2	2
Head Type	5210	4720
Ink Droplet Size	Variable Drop 3 to 21 pl	
<b>Productivity</b>		
A4 Size Full Print	About 80-100 T-shirts	About 20-30 T-shirts
Working Size	145 cm x 6 Mtr	40 cm x 50 cm x 2 Pallets
Flash Heater	Optional	No
Feed & Take Up	Multiple of 3 Mtr Add on	No
Media	T-shirts / Fabrics / Garments / Denim / Jute etc.	
Features	Combination of screen & digital. Printing full table or pallets. Optional flash heater. Sensor based registration. Adjustable head height. Suitable for high production	CMYK+Digital White. Ideal for small lots or individual prints. Suitable for printing on T-shirts & on Heat Transfer films
Ink	CMYK	CMYK + W
No of Colors	4	4 + 1
Supply Mode	Continuous Ink Supply System	
Operating System	Windows 64 Bit	
RIP Software	Neostampa (Recommended)	
Data Interface	Hi-USB 2.0/3.0 Mbps	
Power	A/C 220 V 50/60 Hz	
Environment	Temperature: 15 to 25°C Humidity: 55 to 65	
Dimension (Machine)	2750x6000x1200 mm (6 mtr.)	2100x1200x700 mm
Weight (Machine)	380 Kg	185 Kg
Dimension (Packing)	3150x500x630 mm 2860x630x720 mm	2200x1200x950 mm
Weight (Packing)	280 Kg 220 Kg	320 Kg

## REACTIVE / ACID PRINTING PROCESS



Aura Coating Machine



Aura STAR



Aura Steamer



Aura Inspection Machine



Aura Calandar Machine



HYDRO  
EXACTOR



Aura Washing Machine

## PIGMENT / DISPERSE PROCESS



Aura Coating Machine



Aura STAR



Aura Heat Curing Machine

## SUBLIMATION PROCESS



Aura HEXA Pro



Aura Heat-TEX Transfer  
(Roll-Roll)

## INKS & PAPER



Reactive / Sublimation / Pigment & Acid Inks

Transfer Paper 40-100 gsm

Aura Ink	Cyan	Magenta	Yellow	Black	Orange	Blue	Red	Gray	Fluorescent Y	Fluorescent M
Reactive Ink	•	•	•	•	•	•	•	•	-	-
Acid Ink	•	•	•	•	•	•	•	•	•	•
Sublimation Ink	•	•	•	•	•	•	-	•	•	•
Pigment Ink	•	•	•	•	-	•	•	-	-	-

• Tone Colors Available

Special **WHITE Inks** for Digital CMYK Pigment Printing

## DGT CHEMICAL

DGT gives vibrant, contrast & sharp colours, good colour depth and consistency



Intertek



- This product has been independently tested as per criteria for Level C of Intertek Green Leaf Tested Mark-Chemical
- Formaldehyde in accordance with Japanese Law 112 for baby textile products

Other Range of Products:

DGT<sup>®</sup>-SP

DGT<sup>®</sup>-D5

DGT<sup>®</sup>-6

PR-50

TSF

- Reactive printing thickener
- Alkali resistant and reducing agent resistant printing thickener
- Strong acid resistant and reducing agent resistant printing thickener
- Digital printing thickener & Other speciality chemicals

Thickener for Digital Textile Printing



Normal Coating  
with ALGINATE



Coating with  
DGT<sup>®</sup>-6

## SPECIAL PRINTING TECHNOLOGY FOR

### SWEATERS



### SHAWLS / SCARVES



#### High penetration on

- Silk • Wool/Cashmere • Alpaca
- Vicuna etc.

### ALSO AVAILABLE



**HEXA Pro 3**  
**HEXA Pro 4**



**Tunnel Dryer**  
for T-shirts



**Screen Exposing Machine**  
For Aura SMART



**Special Frame Stretching Machine**  
for Aura GRAND

## Aura Designs Ltd.

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\*The data here is subject to change without notice & is only for reference

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