

PRINTING ON LEATHER JUST GOT BIGGER



ATLANTIC
TECH SERVICES



ENDLESS POSSIBILITIES OF PRINTING ON LEATHER

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Azon DTS Grande is new revolutionary direct to substrate digital all-purpose flatbed inkjet printer. Designed especially for leather printing, this printer can produce beautiful full-color prints on the leather as well as on all other media suitable for this type of print. It is very easy to use and has a high profit return. Azon Grande will meet any high volume printing requirements with its printable surface 600 x 750 mm and outstanding, razor - sharp 1440 dpi resolution and wide color range to satisfy even the most demanding leather applications. Printing up to 100mm in height allows printing even finished leather items as well as non-tailored leather pieces.

INTEGRATED PLATFORM FOR CHANGING THE SURFACE TENSION

Infra-red lamps are preheating the printing surface changing on that way the tension of the material surface. The heat expands the pores of the material surface and enables high-quality dye-ink to be absorbed into its pores. On that way the ink is in line with the printed surface and becomes a part of printed material, giving it more natural look than ever before. With this method, longevity and color intensity are dramatically increased. Once applied, the image bonds permanently to the leather and becoming part of it. It will retain the natural beauty and the feel of leather with added benefit of the full-color image on top of it.

EFFICIENT INK SYSTEM MODEL

DTS Grande used high-quality dye-ink (low viscosity gel) which is easily absorbed into the pores of material after preheating. Standard configuration is CMYK+ LC LM LK LLK for achieving a wide spectrum of colors and providing a color vibrancy of any desired image or effect on the printed material. Closed ink system holds 220ml cartridges and secures reliable ink circulation during the printing operation.



CAPABILITIES FOR HANDLING A WIDE RANGE OF APPLICATIONS

Direct to substrate printing is just like it sounds. It allows printing directly onto the chosen substrate. Along with exceptional results achieved on leather, DTS Grande prints on any material like wood, stone, aluminum, plastic, etc. This technology allows a graphic image or sign to be printed directly on the wide range of materials and objects with superb adhesion of ink directly from your digital file. Azon DTS Grande allows designers and manufacturers to create leather goods with consistent, durable graphics on leather.

MEETING VERSATILE MARKET REQUIREMENTS

With DTS Grande it is possible to create truly unique custom leather pieces – one piece at a time – or do large production runs - footwear, furniture, book cover, car seat cover, clothing, accessories and so much more. Interior decorators, architects, fashion designers, print professionals are just some of those who will find the ideal solution in this innovative digital inkjet solution and generate lucrative, highly targeted business leads.



DTS FASHION LEATHER



WITH DTS
GRANDE YOU
CAN PRINT ON
ANY TYPE OF
LEATHER: ANIMAL
LEATHER, VINYL,
FAUX LEATHER,
SUEDE FOR BAGS,
SHOES, BELTS, JACKETS
ETC.





INTERIOR DESIGN

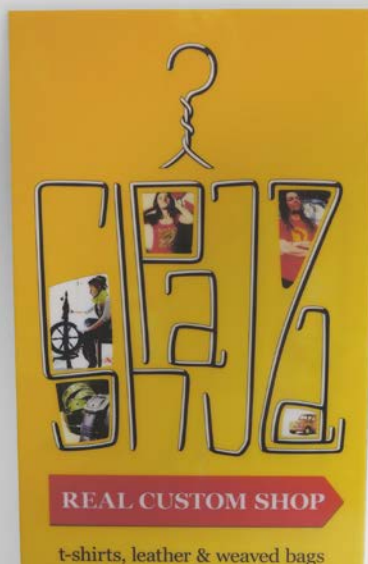
When it comes to interior decor, there is seemingly nothing more adaptable than leather. It's versatility means that you can choose modern and edgy leather pieces right through to timeless and classic pieces



DTS INTERIOR DESIGN

that would suit any contemporary, classic or modern home. Add a leather chair to your study, a leather lounge to your living room, and leather dining tables to your meals area. It's an excellent neutral that features an abundance of rich textures, and depending on how subtle or bold you want to be – it comes in great choices of colour, and now with wide possibilities of prints.

CANVAS
 STONE
 WOOD
 PLASTICS
 WOOD
 CORK
 LEATHER
 ALUMINUM
 STONE
 MARBLE
 CERAMICS
 GLASS ...



SIGN INDUSTRY

Whether for internal or external signs, stylish signing is the first visual impact and therefore indispensable element of any buildings (companies, public building), theme parks,



PROMOTIONAL MATERIALS

INDUSTRIAL & ART SIGNS

museums, animals zoos, walking and cycling routes, parklands etc.
 Printed anodized aluminum has a nice appearance and is extremely durable. It can be used for internal use as well: evacuation plans, signs, logo at the company entrance, the tiles on the office doors, room layout, and intercom are just some of ideas.



Model		Azon DTS GRANDE	
Printing Method		Ink-jet (Micro Piezo Head)	
Acceptable Media		Width: Maximum 630 mm (25.2 in.)	
		Length: Maximum 1200 mm (47.2 in.)	
		Thickness: Maximum 100 mm (3.9 in.)	
		Weight: Maximum 9 kg (20 lbs.)	
Maximum printing size (WxD)		Maximum 600 mm x 750 mm (23.2 x 29.5 in.)	
Ink bottles	Color	C, M, Y, K, LC, LM, LK and LLK / 2 x C, M, Y, K	
	Ink	Azon DTS Inks- sealed, degassed cartridges	
	Type	DTS 220 ml cartridges	
Print Resolution (dpi)		Maximum 1,440 dpi	
Print direction		Bi-Directional / Unidirectional	
Print speed		210 x 297mm / 1440x720 / unidirection / 04:18	
Connectivity		Ethernet (10BASE-T/100BASE-TX, automatic switching)	
Power requirements		AC 100-240 V +-10%, 1.05 A (50/60Hz)	
Power consumption		During operation: Max 2200 W	
		During standby: Approximately 60.5 W	
Printer dimensions (WxDxH)		1300 mm x 1200 mm x 830 mm (51.2 x 47.2 x 32.3 in.)	
Printer Weight		230 kg (247 lbs.)	
Requested Environment	During operation	Temperature	20°C ~ 30°C (68°C to 86°F), (22°C / 72°F is recommended)
		Humidity	Relative Humidity 45% ~ 80% (no condensation)
	Not operating	Temperature	18°C ~ 30°C (64.4°F ~ 104 °F)
		Humidity	40% ~ 80% RH (no condensation)
Dust level:		General office level	
Accessories		Power cord, Ethernet cable, User documentation	
Rip Software		Azon Rip	



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