



REGGIANI

# DREAM

## Digital Printing Machine



Only nature imprints so well





## DReAM: the first industrial digital textile printer

Suitable for all types of fabrics, from cotton to silk, DReAM is an industrial ink-jet textile printing machine, with a rubber blanket and a real dryer. DReAM is suitable for short and medium runs as well as for samples, ensuring high productivity, reliability and quality.

Designed mainly for high fashion, flags & banners and household applications, DReAM also provides solutions for unexplored fields, offering a wide variety of options also for the most demanding Customers.

# DReAM Digital Printing Machine

## Applications

- Fashion, apparel and accessories (cotton, silk, polyester)
- Home textile: curtains, bed-sheets, home furniture, sofa coverings (cotton, polyester)
- Flags & Banners (polyester, polyamide)
- Polyamide carpets
- Leather
- Technical textiles: automotive and specially designed fabrics

## Advantages

- High productivity
- High reliability
- Cost effective short and medium runs
- Environmentally-friendly
- Suitable for all types of fabrics (woven and knitted, non-woven, technical textiles)
- Height-adjustable printing heads (for different fabric thickness as well as for leather and carpet)
- 10 litres ink-bags for each colour (easy replacement, no machine stop)
- Real dryer with closed chamber
- Easy and simple interface
- One operator only
- Quick answer to market requirements
- No need to store unlimited screens
- No need of colour kitchen
- Easy set up of different colour-ways

## Main features

- Reactive, acid and disperse inks
- Six process colours (CMYKOB) for a wide colour gamut or light colours for better light tones
- Entry/exit devices for a smooth feeding/extraction of all fabrics
- Gluing device with self adjustment of the gluing cylinder according to printing speed and cycles
- Continuous blanket washing system
- Dryer with electrical or gas or steam heating system
- REGGIANI software application based on DUAL XEON server ARCHITECTURE
- No limits of IMAGE SIZE, with true 600x600 dpi of resolution
- No waste of time during file loading and unloading
- No waste of fabric between two jobs
- Reduced maintenance cycle
- New automatic feeding colours system
- Short ink class change time, no need of any head replacement



Fashion



Home textile



Carpets



Flags



Leather



High productivity with the best quality

# DReAM Digital Printing Machine

## Digital Technological Center (DTC)

The first-of-its-kind for industrial digital printing development.

Located in the North of Italy, the DTC is dedicated to research and training, focusing mainly on:

- Production processes
- New digital inks
- Fabrics pre and post-treatment
- Digital workflow optimisation



## Technical data

- Industrial inkjet printing machine
- Suitable for all types of fabrics (woven, knitted, non-woven, carpet, leather)
- Roll-to-roll
- 180, 240 and 340 models, 1800 mm, 2400 mm and 3400 mm maximum useful printing widths
- Speed: 150 sqm/hr (180 model), 190 sqm/hr (240 model), 240 sqm/hr (340 model) with true 600x600 dpi of resolution
- Blanket with permanent/thermoplastic adhesive
- 6 process colours
- 7 print heads for each process color
- 42 printing head on 1 bridge (21,504 nozzles)
- Continuous blanket washing system
- Online dryer (with electrical, gas or steam heating system); temperatures up to 160 °C
- No limits for IMAGE SIZE, with true 600x600 dpi of resolution
- Huntsman Textile Effects inks: reactive, acid and disperse (direct and sublimatic).

## Special textile inks by Huntsman



Using ground-breaking technology, Huntsman Textile Effects developed a new range of highly sophisticated textile inks, specific for REGGIANI DReAM inkjet.

- The new reactive inks, NOVACRON® RAC, developed for cotton and cellulose fabrics, ensure high performances and bright shades.
- The new acid inks, LANASET® RAC, are designed for polyamide, silk and wool fibres.
- TERASIL® RAC disperse inks, for polyester applications, direct and transfer printing
- TERASIL® RAC TOP disperse inks, for polyester apparel and automotive applications, direct printing.

**HUNTSMAN**  
Enriching lives through innovation



## Plus

- New flat screen to combine traditional and digital printing for special applications
- Ultrasonic cutting devices

New technology and inks for high profitability