

Ball & Doggett

DTF ECLIPSE SOLUTION



The Ball & Doggett Eclipse 620 is our NEW DTF solution.

DTF is taking the world textile industry by storm. It has quickly become one of the most popular technologies for garment decoration. The Eclipse 620 DTF is carefully designed to reduce maintenance to a minimum.

- ✓ High Volume DTF Printing Solution
- ✓ 9 sqm per hour at 6 pass - 720 x 1200dpi
- ✓ 12 sqm per hour at 4 pass - 360 x 1800dpi
- ✓ Cadlink Digital Factory V11 RIP
- ✓ Precision Epson i-3200 Epson Printheads
- ✓ Tension bar media feeding system
- ✓ Automatic print head moistening & Ink Heating
- ✓ Intelligent Powder Control System
- ✓ Electric pinch roller control systems
- ✓ Finance options available

1300 024 749

balllanddoggett.com.au

Eclipse DTF Solution

Direct-to-film (DTF) printing is growing in popularity as a solution for t-shirt and garment customisation. By printing designs onto film, the ink can be heat pressed onto the desired substrate, making it possible to produce items with highly intricate graphics quickly & easily. Prints can be applied to Cotton, Polyester, Nylon, Denim and much more.



The DTF Eclipse A-620 MAX printing solution is a complete (printer + powder shaker + fixation unit), fully automated system designed to create DTF film transfers.

DTF (Direct To Film) is an alternative printing process to DTG (Direct to Garment), White Toner Transfers and HTV (Heat Transfer Vinyl). Once heat pressed the water-based ink is transferred to the garment in just seconds.

No Weeding, Pre-treating, B-Papers and being limited to certain substrates. It has quickly become one of the most popular technologies for garment decoration.

The DTF Eclipse A-620 MAX solution is supplied complete with with Cadlink Digital Factory DTF Software. It is installed by B&D qualified technician who will also deliver provide onsite operator training.

The DTF Eclipse A-620 MAX solution is supplied with 12 month spare parts & on-site labour warranty.

- Installation and training B&D technician
- Cadlink Digital Factory V11 RIP
- Precision Epson i-3200 Epson Printheads
- Tension bar media feeding system
- Automatic print head moistening & Ink Heating
- Intelligent Powder Control System
- Electric pinch roller control systems
- Speed up to 9sqm/hr @ 6 pass - 12 sqm/hr @ 4 pass
- Ink, Powder & Film available from B&D

Applications...

- T-Shirts/ Shirts
- Canvas
- Backpacks
- Shoes
- Baseball Caps
- Sweaters
- Hoodies
- Denim/Jean
- Hoodies
- Lanyards
- Gift Bags
- Fabric Gift Boxes and more





Printer A-620 Max	
Printing Technology:	Piezoelectric Inkjet i-3200 Epson Print Heads
Media (Transfer Film):	Width - 620mm
	Thickness - Max 1.0mm
Printing Width:	580mm
Speed:	9 m2/hr @ 6 pass - 12 sqm/hr @ 4 pass
Ink Type:	Transfer Pigment Ink CMYK+W
Colour Management:	ICC or Density Curve
Interface:	RJ-45/LAN
RIP Software:	Cadlink Digital Factory
Power Supply:	10A
Printer Dimensions (w/stand):	L1840mm W780m H1400mm
Weight:	165kg
Shaker A620 Max	
Power:	20A
Power Consumption:	1-2.5KW
Suitable Textile Type:	Nylon, Chemical Fiber, Cotton, Leather, Swimwear, Wetsuit, PVC, EVA, etc.
Powder Control:	Powder shake control, powder control, powder direction and volume control
Heating & Drying Function:	Multi-stage heating system, drying, cold air fan function
Rewind Function:	Automatic induction winding
Fumes Filter:	Vent system to the outside with an extraction fan.
Dimensions:	(L)1780 x (W)1040 x (H)1100mm

Ball & Doggett

DTF ECLIPSE SOLUTION

DTF is taking the world textile industry by storm. It has quickly become one of the most popular technologies for garment decoration.

The Eclipse 620 DTF is carefully designed to reduce maintenance to a minimum.

in @ f y p
1300 713 567
ballanddoggett.com.au

Contact Ball & Doggett about price and inclusions.

Eclipse DTF Solution

Ball & Doggett

ballanddoggett.com.au

1300 713 567

Next Steps:

Would you like a formal proposal?

Would you like to see samples?

Would you like to see your own files printed?

Would like a demonstration (Sydney)?



Please contact us to discuss next steps 1300 713 567

NSW

6 Reconciliation Rise
Pemulwuy, New South Wales 2145

SA

3 Pope Court
Beverley, South Australia 5009

VIC

221-251 Discovery Road
Dandenong South, Victoria 3175

41-45 Mills Road,
Braeside Victoria 3195

QLD

7-9 French Avenue
Brendale, Queensland 4500

WA

139 Balcatta Road
Balcatta, Western Australia 6021

TAS

51 Charles Street
Moonah, Tasmania 7009

Additional information below on CAD Link RIP solution used with DTF Eclipse Printer



MARKET LEADING DIRECT TO FILM PRINT SOFTWARE

Everything you need in a single Direct to Film (DTF) software package. An unmatched feature set. No other DTF print software includes the combination of file preparation, color management and production automation tools that Digital Factory Direct To Film Edition provides!

PRODUCTION TOOLS THAT SIMPLIFY AND AUTOMATE PRODUCTION

THE LARGEST NUMBER OF PRINTERS SUPPORTED

Including most widely used Epson® printers as well as many high performance purpose-built printers offered by many Direct to Film resellers.

DESIGN AND AUTOMATION TOOLS YOU'LL USE ON A DAILY BASIS

Dozens of valuable, time-saving features including knock-out tools for automatic black, white or color removal from designs, auto nesting of jobs, barcode support, roll-mode support without the need for additional hardware or software and much more.

ROBUST RASTERIZATION INTERFACE

Applying "ink gaps" within a design has never been easier or more visually pleasing. Transparency based application of rasters provides flexibility to place gaps over the entire image or only on select areas.

WORK WITH VIRTUALLY ANY COMMON FILE FORMAT

Industrial strength .pdf support. Also supports: PNG, SVG, JPG, AI, EPS, BMP, TIF.



HIGH FIDELITY COLOR MANAGEMENT TOOLS

UNIQUE WHITE INK HANDLING

White ink is automatically managed based on transparency within the design.

SINGLE PASS HIGHLIGHT WHITE & UNDERBASE

Unique patent pending technology provides the ability to set different highlight and underbase ink volumes to print in a single pass.

PROFESSIONALLY CREATED COLOR PROFILES AND PRINTMODES

Custom created color profiles supporting the most widely used ink, media and powder suppliers.

CREATE A DTG PRINT EFFECT WITH "NO RASTER" PRINTMODES

Specialized printmodes without rasters included for select printers are able to simulate a DTG look and feel using DTF technology.

SIMPLE COLOR CORRECTION TOOLS

A wide assortment of color correction tools provide the ability to modify existing color profiles to handle changes in ink, media or powder suppliers as required.



ALL THE TOOLS NEEDED TO MAXIMIZE DIRECT TO FILM COLOR QUALITY AND PRODUCTION WORKFLOW

GENERAL RIP AND PRINT FEATURES

- Windows™ 11 and 10 support (64 bit)
- Optimized RIP processing speeds
- Optimized multiple job processing (RIP threading)
- Reduced multiple copy RIP times. RIP one copy, print many.
- Start to finish .pdf workflow support
- Enhanced plug-ins for Corel®, Illustrator® and Photoshop® that send print jobs directly to production queues with automated white underbase when required. No cumbersome job preparation required.
- Templates support for exact positioning of designs
- "KnockMeBlackOut", black removal from design
- "KnockMeColorOut", white and other color removal from design
- Automatic trapping (choke/spread) in queues, including trapping by color plane
- Simplified navigation; Easy queue menu tabs, page view and job properties
- Grid option in job preview window
- Instant access to job information using "mouse-over image"
- Automated TCP/IP port search for easier network printing setup
- Quick job reprints with save job backup (.jpb file) option

- Export queues and printer packages
- Worldwide language support using Unicode
- 4K Display Support

COLOR MANAGEMENT TOOLS

- Single pass highlight & underbase printing
- Customize ink order (Epson™ based printers only)
- Preset color profiles for white, black, and colored media of different types
- High fidelity, ICC compliant color management engine
- Simple ink volume controls
- Complete manual color curve controls by image detail (shadows, mid-tones, highlights)
- Advanced color correction tools interface
- Easy color adjustments
- Support for all widely-used color measurement devices
- High speed printmodes with no quality reduction

PRE-PRODUCTION TOOLS

- Variable data wizard automatically replaces design elements
- Visual print preview
- Raw data preview

- Multi-copy with spacing controls
- Cropping, rotation, mirroring, and invert controls of image and job
- Scale image and job to any size
- Soft proofing
- Built-in special effects/filters (distressed, distressed frames, sharpen)
- Updated Supersize filter functionality for improved image resolution
- Job color replacement
- Export template layouts with improved template user interface
- Image duplication interface

JOB MANAGEMENT AND SCHEDULING TOOLS

- Unique, single window visual interface, one central easy to manage hub for all jobs
- Easy to use queue set-up wizard. Set up production queues quickly and easily
- Automatic or manual scheduling of jobs
- Job archiving, history, print status and job logs
- Job notes
- Hot folder support
- Print label support for production directions
- Bar code support for automated production (Including QR codes)

FIERY | CADLINK FAMILY OF SOFTWARE PRODUCTS

Discover the benefits of using a single source for all your design and production requirements



CADlink

www.cadlink.com

All trademarks are a property of their respective owners.

TWO PACKAGES AVAILABLE:

Digital Factory v11 Direct to Film Desktop Edition
Includes printer support A2 or smaller (sheet) or up to 17"/43.2cm wide (roll). *Does not include production-class printers or printers using select controller types within this size range. Please contact CADlink or your reseller to verify printer support.*

Digital Factory v11 Direct to Film Edition
Includes printer support A1 and larger (sheet) or 24"/60cm wide (roll) or larger

COMPATIBLE WITH:

- Windows 11
- Windows 10

SYSTEM REQUIREMENTS:

CPU	Intel i5-i7 2.6-3.0GHz
Storage	500 SSD (recommended) or HDD
RAM	8-12GB