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DCC Print Brilliance

Solutions_
Supplies_
Support_



NeoFlex F-Series

DTF Print Solutions

Color. Precision. Speed.

The Power of Brightness.

What began in Mumbai in 1978 as a vision to empower printers has evolved into one of the most advanced ecosystems for textile printing in the world.

At DCC, imagination has always been our raw material; and perfection, our pursuit. From pioneering screen-printing solutions to driving digital revolutions, our journey has always been about bridging art with engineering, Color with precision, and creativity with technology.

Over four and a half decades, we've not only witnessed the evolution of textile printing: we've helped shape it.

By reimagining processes, re-engineering systems, and relentlessly perfecting every print, DCC has built a legacy that inspires trust, innovation, and brilliance across continents.

Because for us, printing isn't just an industry. It's an idea - to make imagination brilliant.



45+ Year Legacy

240,000 ft² Facility

Global Reach



What sets us apart

One ecosystem, Infinite brilliance.

- Solutions
- Innovation
- Training
- Service

Complete stack:
Machines, inks, consumables, and software from a single source.

End-to-End Integrated solutions:
Calibrated handoffs from prepress to press to finishing for consistent, predictable results.

Application Support:
Recipes, trials, and on-floor guidance for new materials and effects.

Innovative solutions:
Innovative, connected, data-driven printing powered by advanced voice-operated press technology.

Xperience Zone:
Live demos to validate speed, quality, and workflow before you buy.

Training Academy:
Structured learning and certifications that build team capability.

Global network:
Sales, service, and parts coverage across key regions.

After-sales service:
Ticketing, spares, and preventive programs designed to protect uptime.

Technical Experts:
Field engineers and product specialists supporting complex builds and print audits.

Partnership Mindset:
Continuous collaboration and feedback loops drive consistent performance optimization, ensuring sustained progress and shared success.

Integrated campus in action

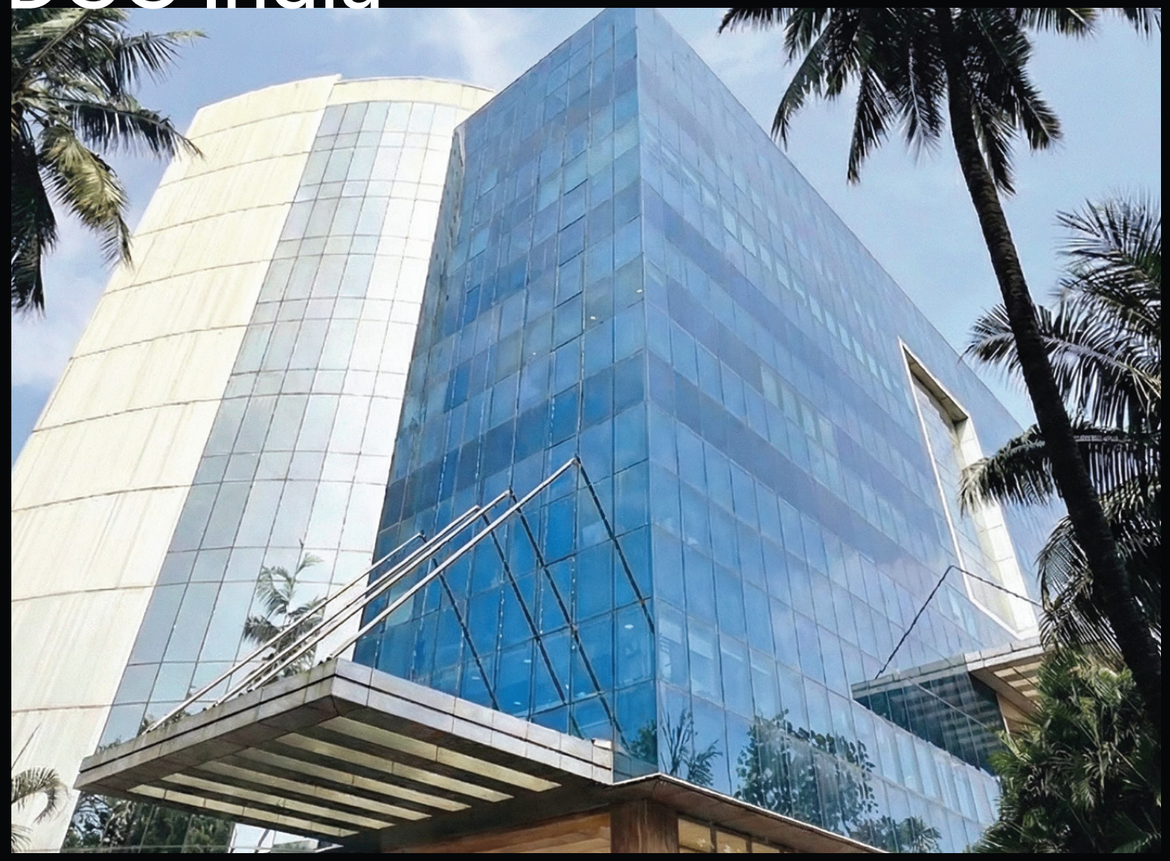
The DCC campus brings leadership, engineering, and manufacturing together in one integrated ecosystem. Our head office anchors it. The factory experience center brings it to life. Here, you see complete solutions in action, from screen and digital printing machines to inks, films, papers, powders, and RIP software, all designed to work seamlessly together.

On the floor, screen and digital systems are laid out with precision. Every machine and consumable is aligned, tested, and calibrated as one system. This ensures consistent performance in real production conditions, not just in theory.

Across our 240,000 sq. ft. facility, ideas move fast from design to execution. We build machines that deliver accuracy, reliability, and output you can count on, day after day.

R&D and production work side by side. We test, refine, and improve continuously. Every iteration makes the system stronger, faster, and more consistent. This is how we build. This is how we deliver.

DCC India



DCC USA



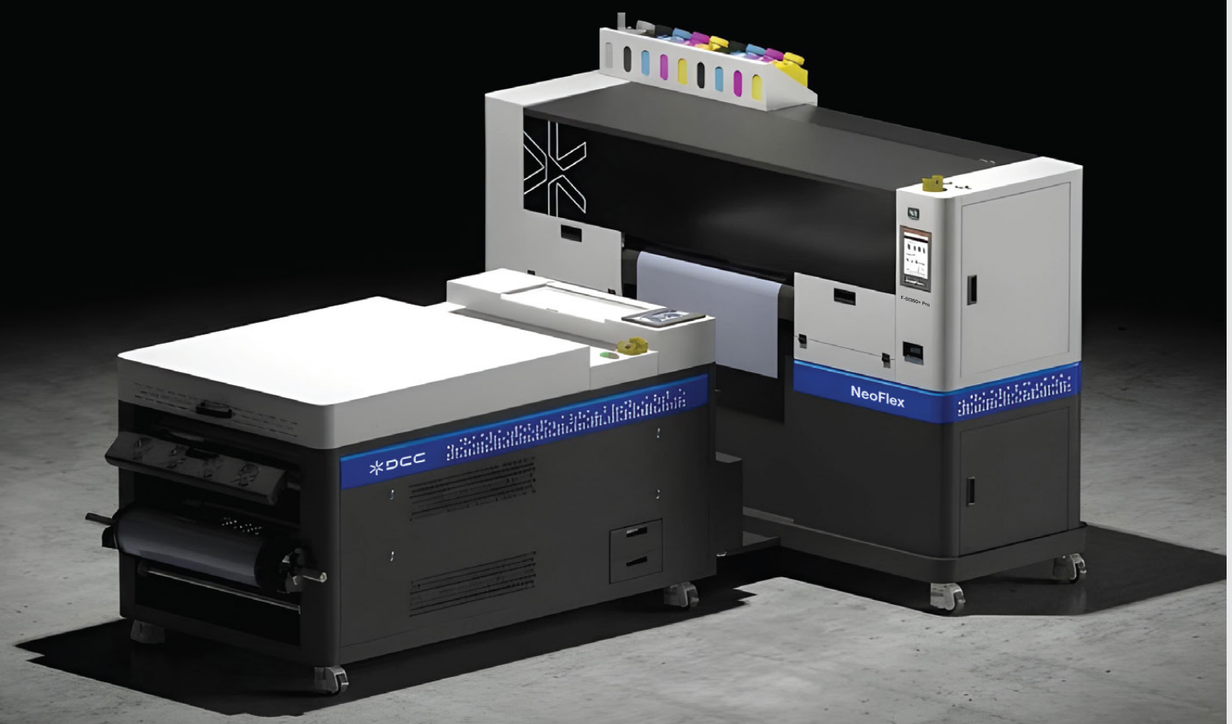
DCC NeoFlex

Your reliable DTF Ecosystem



NeoFlex F-Series

Feel the future of DTF printing



OEKO TEX® ECO PASSPORT

GLOBAL ORGANIC TEXTILE STANDARD · GOTS ·

F-51300+ Pro
F-51350+ Pro
F-51450 Pro
F-51460 Pro

SolidCore technology

Upgradeable* technology

Heat shield technology

Dual-Layer filtration

Auto powder dispensing

DCC's Smart RIP included

NeoFlex: Your Reliable DTF Ecosystem

A complete, high-speed DTF printing ecosystem designed, engineered, and produced entirely by DCC, a global leading name in printing innovation.
(Printer + Dryer + Inks + Films + Powder + RIP software)

- Printer and dryer communication in real-time for synchronized operation and consistent output

- No patchwork.
- No half-solutions.
- Just confidence — delivered as a complete suite.

Why leading print businesses choose DCC NeoFlex

Smart businesses don't just invest in a machine — they invest in consistency, speed, support, and scale. NeoFlex is built for those who can't afford reprints, delays, or excuses.

Parallel precision Printheads

Equipped with Epson I3200-A1 printheads, NeoFlex enables printing with stable white underbase and vivid output, be it CMYK + White or with special colors. This ensures faster production, better alignment, and consistent color density, even on complex jobs.

Performance that adapts

Switch easily between 6-pass (720×1800 DPI) for fast turnaround jobs, and 8-pass (720×2400 DPI) for premium detailing. Whether it's speed or resolution, NeoFlex delivers what your production demands—without compromise.

Precision film handling

A push-button pincher system, vacuum power adjustment, and pivot roller assembly work together to handle various film types without wrinkles or slippage. Get clean alignment, less waste, and better output on every roll.

Smart RIP, smarter workflow

DCC's proprietary Smart RIP Software simplifies job nesting, manages multiple print queues, and ensures accurate color output. It's your in-built production assistant—saving film, time, and operator fatigue.

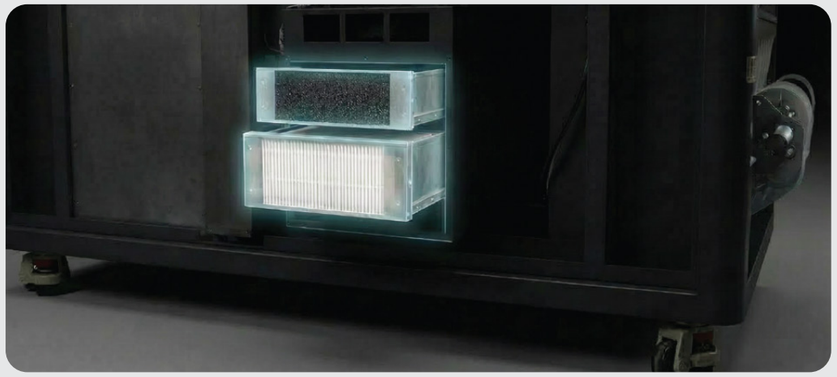
Command with a touch

The 7.0" color HMI touch display offers intuitive control over heater power, shaker speed, winding settings, and more. It simplifies operation for first-timers & power-users alike - making performance easy to unlock.



Air quality assured

The dual-layer filtration setup (nano-carbon + HEPA) is built inside the machine, unlike most external units that add bulk. Its large 320 x 250 mm filter area delivers longer filter life, a smoke-free, compliant workspace, and low maintenance.



Auto powdering + dual catcher trays

The automated powder dispenser, BLDC-powered shaker, and dual catcher trays work together to deliver even adhesive coverage while collecting excess powder for reuse. You get cleaner operation, less waste, and consistent results on every run.



SolidCore technology

Built for high-speed printing, it features DCC's SolidCore Technology for a wobble-free, highly stable structure. Its load-bearing design and precision steel construction ensure accurate, vibration-free printing over long durations while maintaining printhead alignment.



Built-in preventive maintenance

Automatic capping and wiping systems keep your printheads clean, reduce downtime, and improve long-term consistency so you don't have to babysit your machine.



Film feed that flows

From vacuum rollers to adjustable belt speeds and film sensors, every part of NeoFlex's film transport system is optimized for smooth flow and alignment. Less jamming, fewer creases, just smooth productivity.

Heat-shield drying technology

With 9 quartz IR heaters, Heat-Shield insulation, and smart heat programs, the dryer delivers consistent curing across the film while maintaining safe-touch surfaces. It protects your film, ensures adhesion, and keeps operations energy-efficient.

Liquid extraction valve

Liquid extraction eased out with two extraction points designed optimally to reduce condensation inside the drying unit. This keeps the dryer stable, cleaner, and performing consistently across long runs.

Stop replacing printers. Start upgrading them.

Most DTF printers force you into a cycle of buying a new machine every time your business grows. NeoFlex breaks that cycle. You invest once, and unlock higher performance or color gamut whenever you're ready.



The Upgrade* Path

Upgrade for Speed

Upgrade the speed keeping the color gamut intact

Model	F-51300+ Pro	> F-51460 Pro
Speed	6.5 m²/hr (35.6 Linear ft./hr)	16.5 m²/hr (90 Linear ft./hr)
Color	8 color	8 color

Model	F-51350+ Pro	> F-51450 Pro
Speed	16.5m²/hr (90 Linear ft./hr)	28 m²/hr (153 Linear ft./hr)
Color	4 color	4 color

Upgrade for Color

Upgrade color gamut without loosing the speed

	F-51350+ Pro	> F-51460 Pro
	16.5 m²/hr (90 Linear ft./hr)	16.5 m²/hr (90 Linear ft./hr)
	4 Color	8 Color

* Only NeoFlex models marked with "+" are eligible for performance upgrades. Upgradeability is limited up to the F-51460 Pro configuration. All upgrade options, availability, and etligibility are subject to DCC technical assessment and may vary by model and installation conditions.

Built for growth

Start with what you need today. Upgrade to what you want tomorrow.

Built for savings

Skip the cost of buying a new machine. Just upgrade the one you already own.

Built for longevity

A single chassis engineered to last for years, performance updates come through modular upgrades.

Built for sustainability

Fewer shipments, fewer scrapped printers, longer lifecycle. Good for business and the planet.

NeoFlex printer vs. Other DTF printer

When demand increases	Other DTF Printer (Non-upgradeable)	NeoFlex (Upgradeable* Printer)
Need higher production speed	Buy a new printer (Thousands of investment)	Install an upgrade kit (much lower cost)
Increase in order volume	Add another machine: higher CAPEX, more space, more operators	No new machine needed: upgrade existing unit onsite
Operator learning curve	Retrain team for the new model & controls	No retraining: same UI, same workflow
Space requirements	Additional shop-floor space needed for new machine	No extra space: same machine, higher output
End-of-life or resale value	Old machine depreciates or sells at a loss	Your existing machine becomes more valuable with each upgrade

Powder-free and glue-free DTF option



No patchy feel

Softer hand feel

No airborne powder particles

Convert your existing NeoFlex DTF printer to a powder-free and glue-free DTF

Upgrade your NeoFlex DTF setup without replacing your printer. Our powder-free, glue-free solution integrates adhesion directly into the ink, removing the need for powder handling and glue application while retaining the core DTF workflow you already trust.

Why convert to powder-free and glue-free DTF?

Softer handfeel	Prints feel softer and more flexible on garments, improving comfort while maintaining print clarity and detail.
Sustainable process	Eliminates powder handling and reduces material waste associated with powder application, supporting a cleaner and more efficient production setup.
Breathable air and cleaner workspace	No airborne powder particles, resulting in a cleaner shop floor and a healthier working environment.
Quieter production environment	Removal of the powder shaker significantly reduces machine-related noise, making the production area calmer and more comfortable for operators.
Reduced maintenance and downtime	No powder systems to clean and fewer moving or consumable-intensive components, helping reduce routine maintenance and powder-related issues.
Compatible with existing NeoFlex DTF setups	Designed to retrofit existing NeoFlex DTF setups and work with standard heat-press workflows. Minimal changes to equipment, maximum impact on output.

Contact DCC sales representative to know more.

DCC NeoFlex Inks

Vibrant. Durable. Built for High-Performance DTF Printing.

DCC NeoFlex high-density DTF pigment inks are engineered to deliver exceptional vibrancy, deep blacks, and strong white opacity while optimizing ink consumption. Designed for hybrid garment printers, they ensure smooth flow, precise dot placement, and consistent, high-quality output across every print job.

What sets NeoFlex Inks apart

High-density color performance
Achieve richer colors, deeper blacks, and superior white opacity with less ink consumption, maximizing output efficiency.

Smooth flow & precision printing
Optimized formulation ensures seamless ink flow and accurate dot placement for sharp, detailed prints every time.

Built for durability
Prints remain crisp and true-to-life even after repeated washes, ensuring long-lasting performance on garments.

Wide color gamut
Deliver vibrant, true-to-life prints with an expanded color spectrum that enhances every design.



Colors: CMYKW + Extended Gamut (ORGB)

Safe & certified formulation
HAPS-free inks compliant with GHS, Oeko-Tex, and GOTS 7 standards ensure safer printing without compromising quality.

Consistency you can rely on

NeoFlex Inks are built to deliver consistent performance across high-volume production. With stable formulation and dependable print behavior, they minimize variations, reduce rework, and ensure uniform results across every batch.

DCC NeoFilm

Engineered films for clean transfers and dependable output.

DCC NeoFilm premium DTF films are engineered for high-precision printing, excellent ink absorption, fast curing, and flawless transfer results. Designed for both industrial and desktop DTF printers, they deliver consistent, vibrant, and durable prints across a wide range of garments and materials.

Why professionals prefer NeoFilm

High-precision print performance
Engineered for accurate ink deposition and sharp detailing, ensuring clean, high-definition outputs.

Superior ink absorption
Optimized coating enables even ink distribution, preventing bleed and enhancing color vibrancy.

Flawless transfer results
Achieve smooth, consistent transfers with excellent adhesion across various fabrics and applications.

Flexible peel compatibility
Supports both hot and cold peel processes, offering versatility across different workflows.



Clean & efficient production
No ink leakage and easy powder clean-off ensure a smoother, hassle-free printing experience.

Built for production environments

NeoFilm films are built for consistency across both short and high-volume production runs. With stable coating, long sheet life, and dependable transfer performance, they help reduce waste, improve efficiency, and maintain uniform quality across every print.

Available configurations

NeoFilm Pro is available in two variants to suit different production needs:
- **F1:** Delivers a silky hand feel with a refined surface finish for premium applications
- **F3:** Designed for flexible, high-volume production across a wide range of fabrics and use cases

DCC NeoPowder

Strong adhesion. Flexible finish. Built for lasting transfers.

DCC NeoPowder is engineered to bond seamlessly with both synthetic and natural fabrics-including polyester, nylon, rayon, blends, and cotton. It ensures a smooth, flexible finish with strong adhesion, delivering consistent and long-lasting transfer results.

Why professionals prefer NeoPowder

Superior fabric compatibility
Designed to work effortlessly across a wide range of fabrics, ensuring versatility for diverse applications.

Strong & reliable adhesion
Delivers firm bonding that keeps prints intact, even under regular wear and washing.

Smooth & flexible finish
Ensures a soft hand feel with flexibility, preventing cracks and maintaining garment comfort.



Consistent transfer performance
Provides even melting and bonding for uniform, high-quality results across every print.

Optimized for DTF workflows
Seamlessly integrates into DTF processes, supporting efficient and hassle-free production.

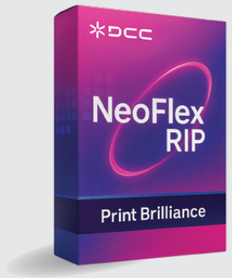
Designed for reliable output

NeoPowder is built to deliver stable and consistent performance across production runs. Its uniform particle behavior ensures even application, reduces rework, and helps maintain consistent transfer quality at scale.

DCC NeoFlex RIP

Customers receive DCC's integrated RIP and operating software at no additional cost.

- Automated nesting & smart page breaks for pdfs with multi-file import.
- Duplicate ripped files to optimize print area and save ripping time.
- Supports CMYK & RGB file types
- Easy spot color removal/replacement
- Halftone effect for printing integration
- Barcode (including QR) support for automated setup
- Variable data management for easy design element replacement (optional)



Tech Specifications

Tech Specifications	NeoFlex F-51300+ Pro	NeoFlex F-51350+ Pro	NeoFlex F-51450 Pro	NeoFlex F-51460 Pro
Print Head	(3) Epson I3200 A1 Print Heads - (1) CMYK, (1) ORBG, (1) White	(4) Epson I3200 A1 Print Heads - (2) CMYK, (2) White	(6) Epson I3200 A1 Print Heads - (3) CMYK, (3) White	(6) Epson I3200 A1 Print Heads - (2) CMYK, (2) ORBG, (2) White
Print Resolution and Speed	720 x 1800 DPI, 6-Pass, 70 sq.ft./hr (35.6 Linear ft./hr) 720 x 2400 DPI, 8-Pass, 53.8 sq.ft./hr (27.4 Linear ft./hr)	720 x 1800 DPI, 6-Pass, 177.6 sq.ft./hr (90 Linear ft./hr) 720 x 2400 DPI, 8-Pass, 118.4 sq.ft./hr (60 Linear ft./hr)	720 x 1800 DPI, 6-Pass, 301 sq.ft./hr (153 Linear ft./hr) 360 x 5400 DPI, 9-Pass, 193.7 sq.ft./hr (98.4 Linear ft./hr)	720 x 1800 DPI, 6-Pass, 177.6 sq.ft./hr (90 Linear ft./hr) 720 x 2400 DPI, 8-Pass, 118.4 sq.ft./hr (60 Linear ft./hr)
Color Mode	CMYK-ORBG & White	CMYK & White	CMYK & White	CMYK-ORBG & White
Ink System	White Ink Auto Circulation Supply System	White Ink Auto Circulation Supply System	White Ink Auto Circulation Supply System	White Ink Auto Circulation Supply System
Ink Type	Eco-Friendly Water Based Ink	Eco-Friendly Water Based Ink	Eco-Friendly Water Based Ink	Eco-Friendly Water Based Ink
Printing Media	24" PET Transfer Film	24" PET Transfer Film	24" PET Transfer Film	24" PET Transfer Film
Media Transmission	Automatic Roll Out & Film Take Up System	Automatic Roll Out & Film Take Up System	Automatic Roll Out & Film Take Up System	Automatic Roll Out & Film Take Up System
Interface	Gigabit Ethernet	Gigabit Ethernet	USB 3.0	USB 3.0
Included RIP Software	DCC NeoFlex RIP	DCC NeoFlex RIP	DCC NeoFlex RIP	DCC NeoFlex RIP
Work Room Temperature	16 - 27°C (61 - 81°F)	16 - 27°C (61 - 81°F)	16 - 27°C (61 - 81°F)	16 - 27°C (61 - 81°F)
Work Room Humidity	40%-60% (No Condensation)	40%-60% (No Condensation)	40%-60% (No Condensation)	40%-60% (No Condensation)
Electrical Requirements Printer[1,2]	208/230 V, 1 ph, 4.5 A 50/60 Hz, 0.75 kW	208/230 V, 1 ph, 4.5 A 50/60 Hz, 0.75 kW	208/230 V, 1 ph, 4.5 A 50/60 Hz, 0.75 kW	208/230 V, 1 ph, 4.5 A 50/60 Hz, 0.75 kW
Electrical Requirements Dryer[1]	208/230 V, 1 ph, 39 A 50/60 Hz, 8.2 kW	208/230 V, 1 ph, 39 A 50/60 Hz, 8.2 kW	208/230 V, 1 ph, 39 A 50/60 Hz, 8.2 kW	208/230 V, 1 ph, 39 A 50/60 Hz, 8.2 kW
Printer Dimensions (L x W x H)	73.8 x 211.3 x 154 cm (29" x 83.2" x 61")	73.8 x 211.3 x 154 cm (29" x 83.2" x 61")	73.8 x 211.3 x 154 cm (29" x 83.2" x 61")	73.8 x 211.3 x 154 cm (29" x 83.2" x 61")
Dryer Dimensions (L x W x H)	193 x 95.5 x 94 cm (76" x 37.6" x 37")	193 x 95.5 x 94 cm (76" x 37.6" x 37")	193 x 95.5 x 94 cm (76" x 37.6" x 37")	193 x 95.5 x 94 cm (76" x 37.6" x 37")
Minimum Working Space (L x W)	335.3 x 365.7 cm (11' x 12')	335.3 x 365.7 cm (11' x 12')	335.3 x 365.7 cm (11' x 12')	335.3 x 365.7 cm (11' x 12')
Printer Machine Weight	304 kgs (670 lbs.)	304 kgs (670 lbs.)	304 kgs (670 lbs.)	304 kgs (670 lbs.)
Dryer Machine Weight	345kgs (761 lbs.)	345kgs (761 lbs.)	345kgs (761 lbs.)	345kgs (761 lbs.)

[1] General usage may vary, but will be significantly less than stated values.
[2] Use Servo Stabilizers to safeguard the machine from Voltage Fluctuation out of the main supply.

Our Facility

Beneath our 240,000 sq. ft. roof, innovation meets precision. Our fully integrated manufacturing campus turns ideas into machines that don't just perform: they excel.

Here, R&D and production work hand in hand, continuously refining, rethinking, and re-engineering each component for strength, consistency, and speed. This isn't mass production: it's mastery in motion.







Built through Precision Manufacturing

CNC Milling

Our CNC milling centers deliver versatile, high-precision manufacturing, carving complex geometries, slots, and surfaces across a range of materials.

From precision-cut aluminum plates for printer frames to multi-axis motion components, every part is machined for repeatable accuracy, clean finishes, and dependable fit.





CNC Lathe

Our CNC lathes turn raw metal into the core components of every DCC machine. With micrometer precision, spindle housings, drive shafts, and other parts are produced under digital control for consistent surfaces and reliable assembly.

Every cut is engineered for smooth operation and lasting durability, precision in motion you can trust.



Laser Cutting

High-performance laser systems cut sheet metal with sub-millimeter precision, producing tabs and slots that align cleanly and assemble effortlessly.

CAD-driven workflows translate digital layouts into physical components with minimal waste and maximum accuracy.

Brilliance begins in the details.

Welding

In our welding bays, skilled technicians and advanced monitoring systems create durable, stable frames and assemblies. Frame joints and brackets are fused under controlled heat and speed for vibration-free performance.

The result: machines built to handle production demands with long-term reliability.



Our Offerings

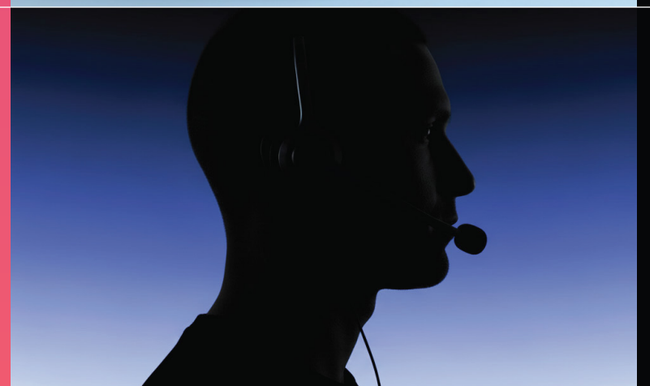
From Idea to Impact.

At DCC, every print begins long before the first Color hits the screen. It starts with an idea: one that deserves precision, passion, and brilliance.

We bring together design intelligence, Color science, and production technology to create prints that are not only visually striking but also consistent, scalable, and ready for the world.

Across every stage of the printing process, our solutions are designed to deliver perfection: transforming imagination into lasting impact.

Our offerings span every stage of the printing process:

DCC Copperhead		**Screen Print.**	AI-powered solutions, advanced automation, durable construction, and proven precision
DCC NeoChroma		**Sublimation.**	High-performance systems engineered for speed, Color accuracy, and sustainability.
DCC NeoFlex		**DTF.**	An all in one integrated system: Printer + Dryer + Inks + Films + Powder + RIP software workflow
CFX inks		**Consumables.**	Advanced formulation for consistency, clarity, and long-term performance.
Service		**Support.**	Expert assistance that keeps creativity uninterrupted.

Print Brilliance

groupdcc.com

DCC GROUP
U.S. Headquarters, Distribution Center & Xperience Center
329 Monroe Road, Suite 129. Sanford, FL 32771, USA.
Phone: 407-942-8190 | **Email**: marketing.us@groupdcc.com

Global Headquarters
Mumbai, India.
www.groupdcc.com

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