



Dear Industry Colleagues,

At ColDesi, we have built our reputation on delivering highperformance customization solutions that help our customers succeed. As industry demands advance, so does our technology; we are proactively engineering our solutions to deliver faster production, enhanced color capabilities, and workflow innovations that drive business results.

Our latest generation of printers are engineered to meet these needs. We've significantly increased production speeds while expanding color output to meet the demand for full-spectrum printing.

We have, and continue to, invest heavily in uptime and customer support because we understand that consistent production matters. Our service and training teams are focused on keeping systems running and your team productive.

At the same time, we are addressing one of the biggest barriers to efficiency: workflow. By developing fully integrated solutions and expert support, we are streamlining operations and removing bottlenecks, with the goal of helping you produce more, faster, and with less friction.

We are committed to fulfilling our mission: empowering businesses through complete customization solutions that drive sustainable, long-term success. At ColDesi, we do not take shortcuts. We build technology that solves real production challenges, engineered for performance, backed by our values, and always designed with your success in mind.

Thank you for taking the time to read this edition of our magazine. We hope you find this content valuable as you continue to grow and succeed in your business journey.

Warm regards,

Buyen Pa

Bryan Hall
President
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ColDesi, Inc.





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"Our mission at ColDesi is to empower businesses with complete customization solutions that fuel long-term success. We deliver high-performance equipment and supplies-backed by expert training and world-class, U.S.-based support. We are committed to building lasting partnerships and helping our customers thrive in a competitive marketplace."



COMMERCIAL EMBROIDERY MACHINES

Engineered for Excellence.
Built to Perform.

Professional-Grade Equipment for Demanding Commercial Workflows

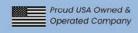
- Precision Japanese Engineering
- → Industrial-Strength Performance
- → Perfect for Hats, Polos, & Flats
- → Single-Head Industrial-Grade
- → Multi-Head High-Production



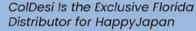


Reliability You Can Trust, Versatility You'll Love.













REQUEST A LIVE DEMO

REVOLUTIONARY NEW DTF, HIGH-PRODUCTION, EXPANDED COLOR GAMUT

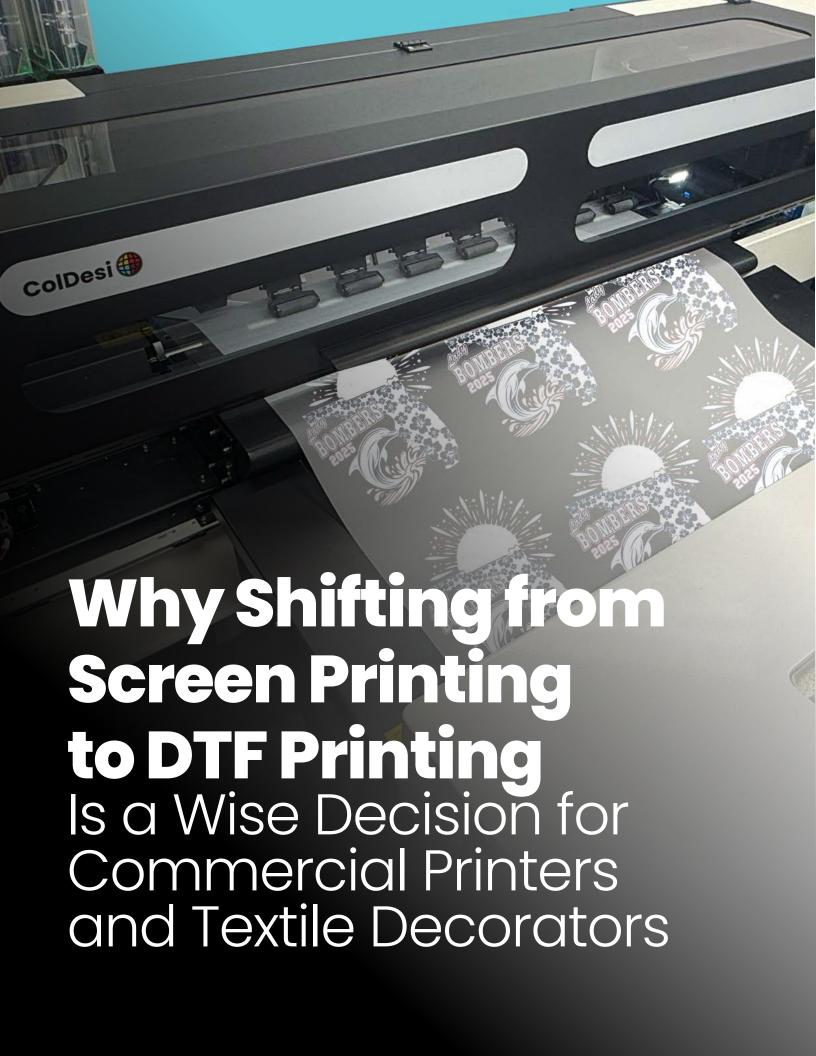
ColDesi 24H5 DTF Printer



Power your production with a proven, high-performance DTF solution.







Over the past decade, the printing industry has seen significant advancements in technology, prompting businesses to reassess their current customization methods. Outdated customization technology does not always meet growing consumer demands or the changing economy. Commercial printers and textile decorators planning expansion must adapt to evolving markets while ensuring profitability and staying competitive.

Textile decorators generating around \$1 million in annual sales may have reached an operational threshold. This means scaling further would require strategic changes to manage changing demand and maintain profitability.

Screen printing is inherently less scalable compared to modern digital printing technologies, which efficiently accommodate varying order sizes with minimal incremental costs or resources. Scaling screen-printing operations requires significant investment in new machinery, larger facilities, and an expanded workforce to manage the complex processes.

Traditional screen printing, while reliable, is increasingly showing its limitations in the face of the on-demand economy. Direct-to-Film (DTF) is a compelling alternative that addresses these limitations and offers a pathway to expanded capabilities and revenue growth.

CHALLENGES INHERENT IN SCREEN PRINTING

Screen printing has been a foundational method in the printing industry, but its limitations are becoming progressively evident as customer expectations continue to change.

Time-Intensive Setup: Screen printing requires creating physical screens for each design. These screens demand considerable time and skilled labor. This makes it less efficient, particularly for smaller or custom orders.

High Overhead for Small Runs: The economics of screen printing favor bulk production. Smaller runs often result in disproportionately excessive costs, making them less profitable. As the on-demand market grows, screen printers cannot compete with DTF's pricing for small-run orders.

Limited Design Adaptability: The process is less suited for intricate, multi-color designs. It is typically restricted to flat surfaces, limiting its versatility.

Environmental Impact: The waste associated with screens and excess ink contributes to higher costs and environmental concerns.

These challenges highlight the need for a more adaptable and cost-effective solution, particularly for textile decorators seeking to diversify their offerings and optimize operations.

THE STRATEGIC ADVANTAGES OF DTF PRINTING

DTF is a transformative technology that helps businesses overcome the limitations of screen printing. Here are its primary advantages:

→ Versatility Across Substrates

DTF printing is compatible with a wide array of materials, including natural fibers, synthetic fabrics, and blends. This broad compatibility allows textile decorators to serve diverse markets, from fashion and promotional items to custom home decor and beyond.

→ Reduced Production Costs

By eliminating screens and streamlining production processes, DTF significantly lowers setup costs. This reduction is particularly helpful for custom and small-batch orders, where traditional methods struggle to remain profitable.

→ Superior Customization Options

DTF printers produce intricate designs with vivid colors and sharp details, ensuring consistent quality across projects.

→ Accelerated Turnaround

The simplified workflow allows businesses to deliver orders quickly, meeting the increasingly short lead times demanded by modern customers.

→ Sustainability Improvements

DTF minimizes waste by using less ink and eliminating the need for disposable screens. This makes it an excellent choice for textile decorators aiming to adopt eco-friendly practices and reduce their environmental footprint.

Continued on page 8



ECONOMIC BENEFITS FOR ESTABLISHED BUSINESSES

For textile decorators reaching an operational breakpoint, transitioning to DTF can yield significant financial benefits:

- Lower Operational Costs: Automation and simplified workflows reduce the reliance on skilled labor, translating to cost savings.
- **Increased Profitability:** DTF enables businesses to efficiently produce small runs and customized orders, unlocking new revenue streams.
- Market Expansion: DTF prints work on various materials and offer unique designs, allowing businesses to attract new customers and capture niche markets.
- Rapid Return on Investment: The cost efficiencies and revenue opportunities provided by DTF speed up the return on new equipment investments.

COMPARING DTF AND SCREEN PRINTING

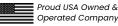
→ Simplified Prepress Workflow

Unlike screen printing, DTF printing simplifies prepress preparation. Digital files are directly transferred to the film, streamlining the production process and reducing setup time.

→ Durable, High-Quality Output

DTF prints are known for their longevity, with resistance to cracking, peeling, and fading. These attributes ensure customer satisfaction and enhance brand reputation.





STEPS TO TRANSITION FROM SCREEN PRINTING TO DTF

Switching to DTF printing is a manageable process with proper planning and execution. Follow these steps to ensure a successful transition:

→ Check Operational Needs

Assess the limitations of your current screenprinting setup. Identify areas where DTF technology can provide immediate benefits.

→ Choose the Right Equipment

Invest in high-quality DTF printers from reputable suppliers like ColDesi. Consider factors such as production capacity, compatibility with existing workflows, and scalability.

→ Train Your Team

Comprehensive training is essential for ensuring a seamless transition. Leverage resources and support provided by equipment manufacturers to upskill your staff.

→ Integrate Gradually

Introduce DTF printing alongside existing operations to minimize disruptions. Evaluate the new technology with select projects before fully committing to it.

→ Promote Your New Capabilities

Market your enhanced service offerings to existing and prospective clients. Highlight the benefits of faster turnaround times and superior quality to attract new business.

THE IMPERATIVE TO MODERNIZE

Businesses that embrace innovation will be better equipped to thrive in this competitive environment. Textile decorators transitioning from screen printing to DTF can meet evolving customer demands by improving operational efficiency and unlocking new growth opportunities.

Modernize your printing operations by exploring the advantages of DTF technology. ColDesi's cutting-edge equipment, comprehensive training, and dedicated support provide textile decorators with the tools needed to succeed in today's market.



Selective. Strategic. Superior.
Stay competitive in an evolving digital printing market.
Elevate your business with ColDesi Pro.

For program details and eligibility, contact a ColDesi Pro Membership expert at 877-793-3278.







- Compact and Convenient: Designed to fit in almost any shop, it's perfect for high-volume commercial use.
- **Speed:** Print up to 50 transfers per hour, each sized 8" x 10".
- Ease of Use: Training and support are included with your purchase, ensuring you get the most out of your DTF-12H2.
- Affordability: Costing no more than an average direct-to-garment printer, the DTF-12H2 offers great value.

What Can You Print with the DTF-12H2?

- T-Shirts
- Brand Tags
- Polos
- Sweatshirts & Sweatpants
- Backpacks
- Flags
- Sports Uniforms

Transform your printing capabilities with the DTF-12H2. Compact, powerful, and ready to meet all your printing needs!

Read more about expanding your business with DTF.







Power, Precision, and Profitability for Custom Apparel Businesses

Take on more orders.

Turn jobs around faster.

Deliver consistent, high-quality results your customers will notice.

The ColDesi 30H2 DTF Printer is built for apparel businesses ready to grow.

KEY ADVANTAGES:

- Faster Output
- Dual Epson i3200 print heads increase speed and volume without sacrificing quality.
- · Minimal Maintenance
- White ink circulation and auto-cleaning keep production running with less downtime.
- · Consistent Print Quality
- Premium DTF inks and film deliver vivid, durable transfers that hold up over time.
- · Seamless Workflow
- Works with ColDesi's POW Shaker/Dryer and includes DTF RIP software for quick setup.



Put a proven, high-performance DTF solution to work in your business.





The Key to Achieving High-Volume DTF Output Demands

Support You Can Count On

ColDesi's support for our DTF printer has been outstanding. Their team responded quickly and solved the issue fast. They provided clear guidance that kept our production on track. If you're looking for a company that backs its printers with real technical know-how, ColDesi delivers.

——— Mariam R.

Google Review





Meeting the growing demand for high-quality, high-volume DTF output is essential for customization businesses to stay competitive. As consumer preferences shift toward on-demand apparel, businesses are challenged to deliver designs on tighter deadlines and at competitive prices.

High-quality output ensures customer satisfaction, producing products that stand out with rich colors, intricate details, and durable finishes. Handling large-volume output allows businesses to scale efficiently, enabling them to take on more orders without compromising quality or delivery times. With the combination of quality and capacity, companies can attract a broader customer base, build lasting relationships, and capitalize on lucrative opportunities across industries.

Having the right technology equips businesses to meet and exceed expectations, ensuring long-term success and market relevance. The ColDesi 24H2 DTF printer is designed to deliver precision, productivity, and versatility. It is the ultimate solution for businesses seeking high-volume DTF output without compromising quality.

A CLOSER LOOK AT THE COLDESI 24H2

→ Advanced Printing Technology for Unmatched Detail

The 24H2's advanced printhead technology ensures precise reproduction of intricate details, fine lines, and small text. Coupled with the Print Optimizer RIP software, it delivers vibrant and natural color reproduction, producing visually striking designs for a wide range of applications.

It ensures top-tier quality printing for cotton, polyester, denim, or rayon, for both light and dark materials. This versatility allows custom apparel businesses to expand their offerings, cater to diverse customer needs, and maintain exceptional image quality.

→ Cost-Effective and Environmentally Friendly

Equipped with OEKO-TEX® ECO PASSPORT Certified Inks, the ColDesi 24H2 provides vibrant prints with reduced ink consumption. Its enhanced maintenance features cut waste during cleaning, making it a cost-effective solution for large-scale production. The inclusion of these environmentally friendly inks

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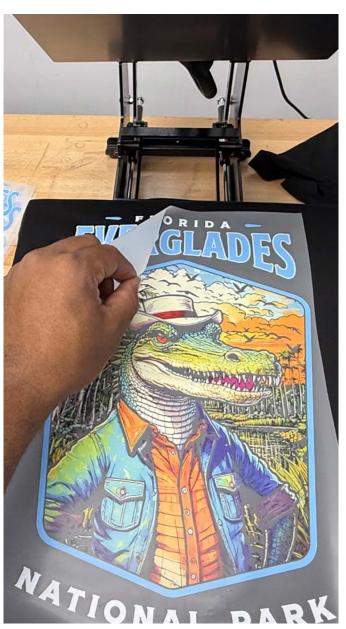


also aligns with sustainable practices, ensuring businesses can meet customer demands while maintaining eco-conscious operations.

→ High Productivity for Large-Volume DTF Output

The ColDesi 24H2 is engineered for high-volume DTF output, paired with the POW or POWR shaker units for seamless, unattended production. The shaker's integrated fume extraction system improves air quality and operational safety.

The POWR's auto-recirculatory system collects and recycles excess DTF powder, reducing waste and manual tasks. This streamlines operations and enhances efficiency, making it ideal for high-volume DTF output.



SCALING YOUR APPAREL BUSINESS FOR HIGH-VOLUME DTF OUTPUT

Scaling your apparel business to handle high-volume DTF output requires the right technology, efficient workflows, and a focus on quality. As demand for custom apparel grows, businesses must deliver vibrant, durable prints quickly and cost-effectively to stay competitive. Here's how to prepare your business for growth:

→ Invest in the Right Equipment

A high-performance printer like the ColDesi 24H2 is essential. Designed for large-volume DTF output, it combines advanced printhead technology, vibrant color reproduction, and efficient roll-to-roll printing. Features like built-in fume extraction and auto-recirculating powder systems further streamline production.

→ Optimize Workflow Efficiency

Long-run, unattended printing capabilities, such as those provided by the ColDesi 24H2, allow businesses to maximize output without constant oversight. Automation features reduce manual tasks and ensure consistent, high-quality results.

→ Focus on Versatility

Scalability also involves meeting diverse customer needs. The ability to apply designs to various fabrics enables businesses to serve a wider range of markets.

→ Ensure Quality Control

High-volume production must maintain top-tier quality to build customer trust and loyalty. ColDesi's OEKO-TEX® ECO PASSPORT Certified Inks deliver vibrant, durable prints that resist fading, cracking, or peeling—even after repeated washes.

With streamlined workflows and reliable technology, businesses can meet growing demand while delivering exceptional results.

ColDesi is committed to delivering the most dependable, high-performance customization equipment in the industry, so our customers stay ahead of the curve and grow with confidence.



DTF APPLICATIONS ACROSS DIVERSE MARKETS

The versatility and productivity of the ColDesi 24H2 make it an ideal choice for a variety of markets:

- Fashion and Apparel: Custom clothing brands, streetwear, and athleisure companies benefit from the printer's ability to create vibrant, detailed designs for a range of fabrics.
- · Sports and Fitness: Perfect for team uniforms and branded gym wear, ensuring durability and vibrant designs that stand up to rigorous use.
- · Corporate Branding: Ideal for promotional apparel and uniforms, helping businesses reinforce their brand with high-quality merchandise.
- Entertainment: Essential for creating concert merchandise, fan gear, and apparel.
- · E-Commerce and Small Businesses: Printon-demand services and Etsy sellers can offer detailed, colorful designs with ease and efficiency.
- · Education and Institutions: Great for school spirit wear and branded items for clubs and organizations.

· Hospitality and Retail: Delivers professional

WHY CHOOSE THE COLDESI 24H2?

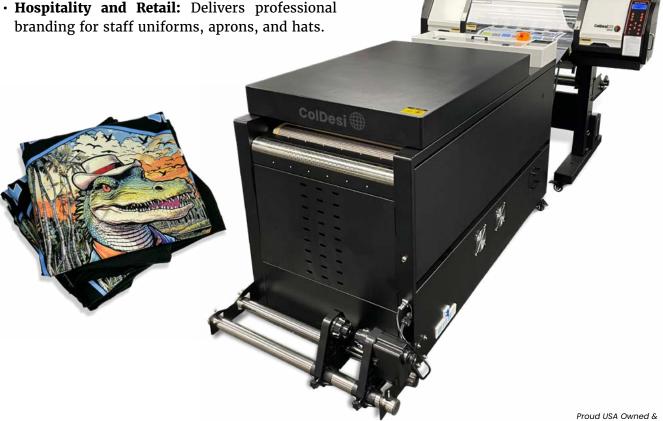
The ColDesi 24H2 is a complete solution for high-volume DTF output. Backed by industryleading customer support and training, a 2-year warranty, 1-year print head warranty, and lifetime customer service, businesses can rely on ColDesi to ensure their equipment operates at peak performance. The ColDesi 24H2 meets high-demand printing needs while delivering exceptional results.

READY TO SCALE YOUR BUSINESS FOR HIGH-VOLUME DTF OUTPUT?

Take your custom apparel business to the next level with the ColDesi 24H2. This state-of-the-art printer ensures vibrant, durable prints that meet the demands of high-volume production. Don't settle for less—invest in the technology that keeps you competitive and delivers exceptional results every time.

Contact ColDesi today to learn more about the ColDesi 24H2 and see how it can revolutionize your printing operations. Visit our website, chat with a Pro, or call 844-255-3818. Your growth starts here!

Operated Company







Your Gateway to Exclusive Benefits!



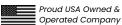
Unlock a world of perks and privileges with ColDesi Plus Rewards! As a valued member, you gain access to a spectrum of exclusive benefits tailored just for you:

- Exclusive Discounts: Enjoy special pricing on equipment, supplies, and accessories.
- Insider Access: Be the first to know about new product launches, promotions, and industry insights.
- **Training & Resources:** Access premium training materials, tutorials, and resources to sharpen your skills.
- Rewards Program: Earn points with every purchase and redeem them for exciting rewards.

Join ColDesi Plus Rewards today and elevate your business to new heights! Don't miss out on this opportunity to maximize your success. Sign up now and experience the difference firsthand.



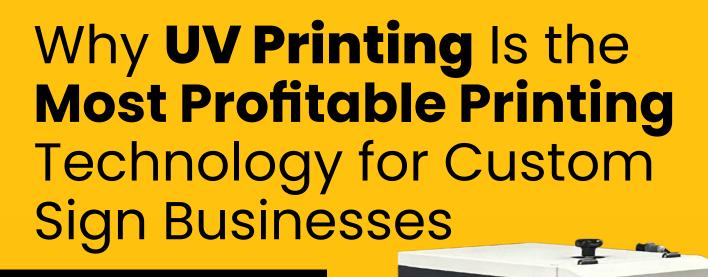












ColDesiUV

Thinking about starting a custom sign business?

Maybe it's time to consider a game-changer: UV printing.



While traditional sign printing methods have held their ground for years, it's worth rethinking what they truly offer in terms of efficiency and effectiveness.

You might have heard all about these conventional approaches; perhaps someone's even suggested sticking with what's familiar. But why anchor yourself in the past when there's an option that can **deliver time** and **cost savings—and minimize the hassles—**from day one?

UV printing brings speed, precision, and, believe it or not, a more cost-effective approach over the long run for **sign shops and other custom businesses**.

Some may encourage starting small and simple, using what's at hand.

But why settle when there's a clear, more powerful path forward?

Stay with us as we explore how UV printing doesn't just compete with traditional methods—it elevates what's possible and might just be the key to your success.

VERSATILITY IN SUBSTRATE COMPATIBILITY

Let's start with a question you might have: What materials can UV printers handle?

The answer is simple—UV printing works on a wide variety of surfaces, including wood, metal, glass, plastic, and more.

For custom sign businesses, this versatility means you can offer a broader range of services and reach more customers.

Let's apply this theory to a practical example. Imagine you've got this technology set up and running in your workshop, and now you're able to do everything you couldn't before—like offering a wider selection of sign types or customizations based on material choices.

Do you think this would help grow your customer base? Could it lead to more repeat business and referrals?

We bet that it would!

And we're just getting warmed up here. We haven't even talked about speed and efficiency yet, so let's do that next.

SPEED AND EFFICIENCY

UV printers offer much more than just the ability to print on a variety of surfaces.

Their true strength lies in their speed and efficiency.

Practically speaking, by working faster, these printers can boost the overall productivity of your workshop. You'll complete more jobs in less time, which in turn frees you up to take on new projects—and pocket more profits, of course. Like custom street signs!

But what's behind their impressive performance? How exactly do these printers achieve such speed and efficiency?

The secret lies in the duo of ultraviolet (UV) light and UV-curable inks. These two work together to print directly onto an object or transfer film without the need for extra equipment—no heat press, no cutting, weeding, or prepping. UV light instantly cures the ink, so there's no waiting for it to dry.

And just like that, UV printing is a step ahead of any other method.

But if you're looking for more than just that, UV printing also delivers on durability and longevity.

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DURABILITY AND LONGEVITY

Have any of your customers in the past brought up that the signs they bought didn't live up to their promises? That they get scratched easily and the graphics fade, crack, or peel off after just a few days in the sun?

Nobody wants to hear those complaints, but, unfortunately, that's the reality with some traditional printing methods.

Luckily, we have the ColDesi 300H3F and 500H3F UV sign printers to save the day!

The prints they produce are resistant to fading, scratches, and weathering.

Made with special inks, they hold up well outdoors—whether under the bright summer sun, on autumn's rainy evenings, or through snowy winters.

And, of course, you can bring them indoors, too—whatever the reason might be. For that big product launch, offering directions, issuing warnings, or marking safety guidelines... the choice is yours.

How does it tie back to the initial point? Simple. Whether indoors or out, prints produced by the ColDesi 300H3F and 500H3F UV sign printers live up to their promises.

Not only are they stronger and longer-lasting than traditional prints, but they also reduce customer complaints and the need for reprints. This makes for happier clients, more referrals, and more satisfaction in what you do!

If you're still questioning UV printing, let us turn your attention to another important aspect worth considering, which is print quality.

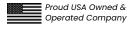


Lowest Priced Commercial UV Printers

You're getting production-ready equipment at a price that almost feels like a steal. We expected to compromise at this price point, but the print precision is top-tier.

— Frank P.

Google Review



VIVID, HIGH-QUALITY PRINTS

In the end, you'll be judged by quality.

When a customer holds the sign in their hands, is it what they imagined? Does the surface feel smooth and pleasant to the touch as they run their fingers over it? Is the text crisp and easy to read? Are the colors accurate for their needs?

These are the questions to ask yourself before you settle on a printing method for your signage business.

We come full circle to the **ColDesi 300H3F and 500H3F UV sign printers**.

They check every box we've covered earlier, and then some—delivering sharp, vibrant images and colors, even on the most uneven surfaces.

You won't have to second-guess whether your products hit the mark. Your signs will do the talking. People passing by your clients' signs will stop to ask where they got them—and how they can get one, too.

As a result of this, you'll be able to command higher prices.

Now, you might think that's an impressive list of benefits already, but hang on—we're not quite done yet! There's more to discuss, particularly how these printers use less ink than traditional ones and are considered friendlier to both the planet and the people who work with them.

LOW INK CONSUMPTION AND SUSTAINABILITY

Those of us who care about the planet will be happy to hear that UV printing is one of the more environmentally friendly options out there.

"How does that affect me—or the world around me?" you might wonder.

Well, unlike traditional methods, UV printing typically uses UV-curable inks, which contain fewer volatile organic compounds (VOCs) and harmful chemicals. Not only that, but it also uses less ink!

Plus, UV printing generates less waste thanks to its efficient curing process. And since it doesn't need heat to set the ink, it's lighter on energy, too.





So, for anyone who wants to make sustainability part of their message and ensure their products leave a smaller footprint, UV printing is the way to go!

And when it comes to what customers want, UV printing excels at personalized, short-run, one-off sign jobs! So, if someone comes to you with a particular idea for a sign, you'll have the means to make it a reality.

So, let's talk about that next.

CUSTOMIZATION AND ONE-OFF JOBS

Now and then, someone will come to you asking for unique, custom signs—something they've come up with, personal and one-of-a-kind. In that moment, you are the answer—the one who can bring their ideas to life.

With the ColDesi 300H3F and 500H3F UV sign printers by your side, you're equipped to make it happen.

These printers excel at creating personalized, short-run, one-off sign jobs!

This flexibility to produce customized designs quickly and at a high quality increases the value of the services you offer.

And oftentimes, these projects are more profitable than bulk orders.

Which brings us to our last point.

AUTOMATION AND LABOR EFFICIENCY

Our final point is that many UV printers are equipped with advanced automation features.

The result?

More time on your hands to take care of other important tasks around the workshop. And if you have staff, it means you can free them from repetitive tasks and refocus their priorities on work that actually drives the business forward.

Even better, you might see a lower employee salary total at the end of the month.

Alright, we've looked at UV printing from every angle. At this point, you're probably wondering to yourself, "What's my next step?" That's the question we answer next.

CONCLUSION

When you line up the many benefits UV printing brings to the table, one thing rings clear: it crushes and outperforms all other methods.

For some, this could be a wake-up call to finally upgrade or switch to UV printing!

And if you're ready to purchase a ColDesi 300H3F or 500H3F UV sign printer today, then you can do so using the button below.

If you have questions about our UV printers before placing your order, reach out to us at **844-255-3818**.



FLATBED PRINTERS

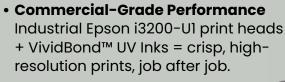
ENGINEERED FOR CUSTOMIZATION.
BUILT FOR BUSINESS.

Expand your production with ColDesi's powerful UV Flatbed Printers—designed for speed, precision, and profit.



Discover the printer that works as hard as you do.





 Built for Productivity Vacuum bed and auto height adjustment keep your workflow smooth and fast.

 Sized for Your Business Choose from multiple models to match your output needs-from mid-size customization to large-format production.

 Add High-Impact Effects Print textures, gloss layers, and bright white underbase for standout, professional results.

Goldasi (



• Up to 9.8" media height

· Built-in rotary system for drinkware and cylindrical printing.



ColDesi UV 500H3F

- 63" x 47" print area
- Up to 5.9" media height
- Designed for full-scale production environments.





Exploring the Potential of

UV/DTF Printing

for Customization Businesses

Do you run a product decoration, personalization, or customization business specializing in hard-surface items?

Chances are, you started out with whatever tools you could get your hands on—maybe some fairly old-school, traditional printing methods that got the job done.

They've probably carried you a long way, and that's something to be proud of.

But here's the thing: what got you here might not be enough to take you where you're meant to go next.

That's where UV/DTF technology steps in.

We bet you've come across this term online, spotted it in ads, or maybe even heard it from a colleague.

If it's flown under your radar and hasn't yet caught your attention, then you're in for a treat today.

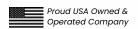
In this article, we'll break it all down for you—what UV/DTF is, how it works, and the incredible things you can make with it.

Plus, we'll show you why investing in our UV/DTF printer might just be the smartest, brightest decision for your business right now.

We'll even compare it to other methods so you can see how it stacks up against the competition.

Are you ready? Let's hope so, because this might just change everything for you—and your business.









INTRODUCTION TO UV/DTF TECHNOLOGY

Before we get to the meat of the matter, let's first take a little history lesson to get everyone on the same page.

The term 'DTF' actually originates from an earlier printing method known as direct-to-film printing. To this day, DTF printers remain one of our most successful products—a favorite among solo decorators and customization businesses!

But we don't rest on our laurels.

Instead, we sat down and asked ourselves, "What makes this technology so loved, and how can we push it even further?"

The answer was clear: we needed to play on the strengths of both DTF and Ultraviolet (UV) printing. Let's take the portability and flexibility of DTF transfers and marry them with what UV printing is known for—instant curing.

And voilà, by combining DTF's portability and flexibility with UV's instant curing, we've created something truly new: a multi-purpose UV (ultraviolet) direct-to-film printer.

That's a short (and oversimplified) explanation of how UV/DTF came to be.

Now that we've laid the foundation and understand the absolute basics, let's try to peel back the layers of this technology to see how it works.

HOW DOES A UV/DTF PRINTER WORK?

Entrepreneurs and business owners often share a unique ability: the ability to balance a bigpicture vision with an eye for detail.

They effortlessly switch between strategic oversight and rolling up their sleeves for hands-on work.

And you're no exception—you bring the same dedication and precision to everything you do.

Still, the big picture only comes into focus when all the pieces fall into place.

That said, let us help you fill in the gaps by giving you clear information on how the ColDesi 24H3R UV/DTF printer works.

The model name **24H3R UV/DTF** gets its name from three main features: the number 24 for its 24-inch width, H3 indicating it's a 3-head printer, and the R at the end telling us that it's a roll-fed UV printer.

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At ColDesi, we do business with integrity—always. From transparent pricing to honest recommendations, we treat every customer relationship with the respect, fairness, and ethical standards you deserve.



UV stands for ultraviolet light and is one of the key components of this printer. Finally, DTF stands for direct-to-film, which means it prints designs directly onto a transfer film instead of on the final product.

The way it works is rather simple: one printhead lays down the white ink onto a roll of film (typically a clear carrier sheet that's later removed), another printhead applies the color ink, and the third printhead applies the overprint varnish.

Once the ink is printed on the film, it is immediately cured with a UV LED lamp.

Finally, the last step is automatic lamination, which adds incredible durability and provides protection for the decals.

And that's essentially how the entire printing process works with the 24H3R.

But, of course, words can only go so far. To fully understand this technology, watch our supplementary video, where we walk you through how it works visually.

By now, your head's probably spinning, right? Don't worry—we get it. It's a lot to take in. But hey, if you're still here and reading this, you're going to love what's coming next.

We've put together a list of all the benefits you'll enjoy the moment this printer makes its way into your workshop.



BENEFITS OF UV/DTF PRINTERS

What are the short-term benefits and the long-term advantages of UV/DTF printing? Let's list them for you and go through them one by one.

- →Versatility: UV direct-to-film adhesive transfers can be applied to a wide range of uneven, cylindrical, or conical surfaces and materials, including, but not limited to, glass, metal, wood, acrylic, and ceramics.
- → **Durability:** The adhesion and durability of these transfers are exceptional. They are long-lasting, scratch-resistant, and colorful!
- → **Portability:** These full-color digital prints are portable in the same way as DTF transfers. This means you can apply them immediately, store them for later use, move them to another part of production, or sell them as wholesale transfers.
- → Speed: This technology delivers faster and better-quality output than any other technology on the market today.
- → Cost-Effectiveness: This machine handles all the work for you—no weeding, no masking, and no heat pressing. While the initial investment might seem steep, you'll save money over time with every print and every day you use it. Plus, there's no need to buy extra equipment like a heat press to apply transfers. One machine does all the labor for you!
- → Ease of Use: Got employees, partners, or staff who handle the hands-on tasks in your business or workshop? If so, you'll have no trouble training them to use this new printer—it's quick and easy to learn!

We could go on and on, but we have the rest of this article to write. The point is, there are even more benefits, features, and advantages than what we've mentioned here.

So, we'll just leave it at that for now.

How about we move on to a few practical and useful applications of UV/DTF printing?



APPLICATIONS OF UV/DTF PRINTING

We've saved this section for just the right moment, and that moment is finally here!

If you've been following along, by now you know what UV/DTF technology is, how it works, and the benefits it offers.

But there's still one crucial piece missing—what can you do with it?

- → Tumblers (even unique shapes)
- → Equipment/Machine Branding
- → Promotional Products (branded merchandise)
- → Glass/Plastic Housing/Covers
- → Post-Production Labeling
- → Automotive Customization
- → Glass/Ceramic Ornaments
- → Custom Gifts (phone cases, keychains)
- → Mugs, Glasses, Kitchenware
- → Awards & Trophies
- → Highlighters
- → Signage + More

That's quite the list of items you can embellish—and it's far from complete! If we tried to name every single product, item, or thing you could potentially personalize, customize, or decorate, we'd run out of space.

This is just a small sample of what's possible.

Other items that come to mind include office supplies, gadgets, USB drives, toolboxes, containers, and a variety of other accessories and miscellaneous goods.

And still, the list goes on. We're sure you can think of hundreds more!

Next, let's talk about why businesses should invest in UV/DTF printers.

If the earlier points haven't made it crystal clear, this one will drive the point home.

WHY BUSINESSES SHOULD INVEST IN UV/DTF PRINTERS

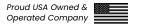
How can you be sure you're making the right choice?

Well, let's lay out a few more reasons why switching to UV/DTF printing could be the smartest move for your business right now.

Maybe this will help you decide.

→ **Fulfillment:** Customer expectations are higher than ever. We don't need to tell you that—you're dealing with it firsthand every day. Production delays and standstills just aren't acceptable,

Continued on page 28



especially during peak season or a holiday rush. Clients want their products yesterday! That's where the ColDesi UV 24H3R comes in. It's designed to meet (and even exceed) these demands. More on that in a bit, but rest assured: with this machine in your workshop, meeting your deadlines (and fulfilling promises) will be a breeze.

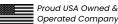
- → Competitiveness: It's a competitive world out there, and in business, you've got to stay one step ahead of your rivals—no matter what! With a UV/DTF printer, you can remain competitive, stay relevant in the current marketplace, and keep your business running even during times of uncertainty.
- → **Scalability:** A UV/DTF printer can easily put you (and your company) on the fast track to success. You'll be able to grow and expand your business while tapping into markets that were previously out of reach.

There you have it—just a few more reasons why your business should consider switching, upgrading, or adding a UV/DTF printer to the equipment you already have on-site.

Alright, we've covered this printing method from just about every angle. Next, let's compare it to other printing methods out there to see how it fares.

At ColDesi, we stand behind our promise, offering reliable solutions powered by continuous innovation—ensuring you benefit from the latest technology that works hard, lasts long, and performs exceptionally.





HOW IS UV/DTF PRINTING DIFFERENT FROM STANDARD DTF OR UV FLATBED PRINTING?

We know—at this point, you're probably wondering: "How is UV/DTF printing different from everything else out there?"

For years, businesses in the hard-surface printing industry have relied on tried-and-true methods like standard DTF or UV flatbed printing. It's not about one being better than the other—in fact, each excels in its own way under different conditions and depending on the job.

What's changed all of a sudden? Why choose UV/DTF over all the other options? What does UV/DTF work on that other methods can't quite handle as well?

The answer comes in two parts: the short version and the long one.

The short version is that with this new technology, transfers can be completed in just minutes. Plus, it gives decorators the freedom to apply designs to all kinds of items—different shapes, surfaces, and materials that aren't always easy to work with.

For those interested in the longer explanation, the secret lies in the combination of advanced UV LED curing and direct-to-film technology.

This pairing gives you the best of both worlds. DTF technology allows for printing vibrant, full-color, highly durable, high-resolution images on film, while UV LED lamps rapidly cure and dry the printed ink.

When combined, these technologies create a new printing process that's incredibly efficient, productive, cost-effective, and low-maintenance.

And that, ladies and gentlemen, is the innovation and engineering behind the ColDesi 24H3R UV/DTF printer.

Now, show of hands—who's ready to order it right now? Well, all you need to do is reach out and chat with a ColDesi product support specialist at 844-255-3818.

During your conversation, you can also request a demo of ColDesi's UV/DTF printer to see it in action and ask any questions you have before making a purchase.



Discover the Exceptional Advantages of the ColDesi 24H3R UV/DTF Printer:

- 1. Exceptional Adhesion
- 2. Tailored Solutions for Irregular Surfaces
- 3. Augmented Longevity
- 4. Effortless Workflow
- 5. Automate Your Workload
- 6. Exceptional Product Assistance
- 7. Results-Oriented Approach
- 8. Expanded Product Portfolio

When you choose ColDesi, you're aligning with industry-leading printing specialists. Our team remains at the forefront of technological advancements, ensuring you receive top-of-the-line equipment.



Take the next step by consulting with our printing professionals to explore how the new ColDesi UV 24H3R can propel your business toward unprecedented success.



ColDesiUV (844) 255-3818





WHY IS EMBROIDERY MACHINE SPEED IMPORTANT?

Speed plays a critical role in the efficiency of businesses in the embroidery industry. The speed of an embroidery machine impacts various aspects of production. From meeting deadlines and fulfilling orders to managing sudden increases in demand, faster machines not only enhance productivity but also contribute to cost-effectiveness, reducing labor costs per item and increasing production capacity.

High-speed commercial embroidery machines provide businesses with greater flexibility to manage rush orders and adapt to changing production needs. In a competitive market, a high-speed machine can give businesses a significant advantage, offering quicker turnaround times and maintaining client satisfaction. It's crucial to maintain a balance between speed and quality to ensure that the finished embroidery meets the desired standards.



ColDesi's training made learning smooth and stress-free. Their step-by-step instruction helped us get started quickly, even with no prior experience. The videos were easy to follow, and their trainers were always ready to answer questions.



EMBROIDERY PRODUCTION TIME

The speed at which a machine can stitch impacts the production time and efficiency. The production time for each piece depends on factors like the number of stitches and how the design was digitized.

Calculating production time by dividing the number of stitches by the stitching speed gives you an estimate of how long it will take to complete each piece. Machines don't instantly reach their maximum stitching speed. Understanding their average speed helps in planning and optimizing production schedules.



Higher machine speeds generally lead to faster production times. It's essential to balance speed with quality. This will help ensure that each embroidered piece meets the desired standards. Factors like thread breaks, poor digitizing, and skipped stitching can influence production time and quality.

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FACTORS THAT NEGATIVELY IMPACT PRODUCTION TIME

1. Thread Breaks

Thread breaks can disrupt production speed. They often occur due to the inability of the thread to endure the stress induced by high speeds. High-speed commercial embroidery machines feature a thread break detection function, which automatically identifies when a thread breaks or halts during processing. This function halts stitching and triggers an alarm when the machine detects a thread break. Production remains paused until the issue is resolved.

The quality of the thread plays a crucial role in preventing breaks. Inexpensive thread, as well as old or outdated varieties, are prone to breakage. It's important to store thread in suitable conditions. Avoid extremes of dry heat or damp darkness, as these environments can compromise thread integrity.

The composition of the thread also matters. Polyester thread exhibits less susceptibility to breakage compared to other types. Opting for polyester thread can help mitigate thread break issues during embroidery production.



2. Badly Digitized Embroidery Designs

Good digitizing has a significant effect on production time. Using well-thought-out designs makes a substantial difference. Skill-fully digitized designs will save you money. Use quality designs that are digitized for production. Learn more about the premium embroidery digitizing services ColDesi Graphics offers.

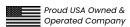
3. Nesting

Nesting occurs when a cluster of thread bunches up underneath the fabric, causing irregular stitching. Several factors contribute to this issue. Incorrect threading of the upper thread can disrupt the stitching process. Imbalanced tension can lead to nesting as threads struggle to intertwine properly.

Debris, such as small bits of thread or dust in the bobbin area, can also contribute to nesting. Hoop bouncing during stitching can lead to uneven tension in the fabric, exacerbating nesting problems. Stitching at a speed too fast for the material can strain the machine's ability to maintain proper tension, resulting in nesting. Addressing these issues can help reduce nesting and ensure smoother embroidery results.

4. Missing Stitches

Skipping or missing stitches can often be attributed to excessive speed during stitching. When running the machine too fast, especially in certain applications, there's insufficient time for the machine to recover and transition to the next stitch properly. High speeds can cause the needle to deflect, leading to missed engagement with the hook mechanism and resulting in skipped stitches. It's essential to moderate the stitching speed, allowing the machine adequate time to execute each stitch accurately, minimizing the risk of skipped or missing stitches. High-speed commercial embroidery machines are designed to operate within these conditions.







SEVERAL FACTORS CAN HELP DECREASE PRODUCTION TIME IN EMBROIDERY:

- → **High-Speed Commercial Embroidery Machines:** Investing in machines designed for high speed can reduce the time to complete each piece.
- → Efficient Digitization: Well-digitized designs can streamline the embroidery process and reduce production time.
- → **Preparation and Organization:** Efficient workflow planning, including pre-hooping materials and organizing designs, can save time.
- → **Skillful Operators:** Experienced and trained machine operators can maximize machine efficiency, troubleshoot issues, and maintain consistent production speeds.
- → **Quality Materials:** Using high-quality threads, stabilizers, and fabrics can improve stitch quality, reducing the need for rework and saving time overall.
- → **Regular Maintenance:** Performing routine maintenance and upkeep ensures optimal performance, preventing unexpected breakdowns that can disrupt production schedules.

By focusing on these factors, businesses can streamline their embroidery production process, achieving faster turnaround times while maintaining quality standards.

Acquiring top-notch supplies at reasonable costs isn't just about convenience—it forms the very foundation of their success.

EMBROIDERY MACHINE LIFE

High-speed commercial embroidery machines, such as the Avancé 1501, are engineered to endure continuous operation, functioning as reliable workhorses around the clock, every day of the year. Capable of reaching speeds of up to 1,200 stitches per minute (SPM), these machines offer adjustability, accommodating various fabrics like lace, tulle, and nylon.

Unlike home-grade models, commercial machines feature fewer plastic components, prioritizing metal construction to better withstand wear and tear. This design choice ensures less distortion, even at higher speeds, contributing to the longevity and durability of the machine over its operational lifespan.

ADVANTAGES OF INVESTING IN A HIGH-SPEED COMMERCIAL EMBROIDERY MACHINE

Investing in a high-speed commercial embroidery machine offers many advantages. High-speed commercial embroidery machines deliver superior quality results, thanks to precision stitching and advanced technology, ensuring flawless execution and professional-grade embroidery that meets or exceeds customer expectations.

The enhanced productivity afforded by automation enables efficient handling of large-scale projects. This not only increases output but also improves turnaround times, allowing businesses to fulfill orders more quickly and effectively.

These machines are built to last, with durability ensuring dependability over time. By choosing a reliable and durable machine, businesses can cut downtime, reduce maintenance costs, and maximize return on investment. Investing in a high-speed commercial embroidery machine extends beyond immediate gains, providing businesses with the tools they need to succeed in a competitive market.

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EMBROIDERY MACHINE SPEED AFFECTS DESIGN RESULTS

Choosing the right high-speed commercial embroidery machine isn't just about meeting production targets; it also impacts the quality of the finished product. A machine running at an optimal speed ensures that each stitch is placed precisely, resulting in crisp, clean designs with consistent tension and minimal thread breaks.

When the machine operates too fast, there's a risk of errors such as missed stitches, nesting, or uneven tension, all of which can compromise the integrity of the embroidery. Running the machine too slowly may prolong production and increase costs. With the right speed, you can achieve superior results while maximizing efficiency.



At ColDesi, we empower businesses with dependable technology, personalized support, and the confidence to grow.

AVANCÉ HIGH-SPEED COMMERCIAL EMBROIDERY MACHINES

Avancé high-speed commercial embroidery machines are revered for their quality, precision, and reliability. Designed to meet the demands of high-volume commercial usage and renowned for their industrial-grade construction, these machines focus on durability, ensuring consistent performance even under rigorous production conditions.

With a focus on precision engineering, Avancé delivers impeccable stitching and superior results, meeting the exacting standards of professional embroiderers and businesses alike. Their robust design and advanced technology make them ideal for handling large-scale projects, enhancing productivity and streamlining workflow.

Whether producing intricate designs or bulk orders, Avancé offers the reliability and performance necessary to meet the needs of embroiderers, making them a trusted choice in the industry.

READY TO START OR EXPAND YOUR EMBROIDERY BUSINESS?

Call us at **844-255-3818** or visit **coldesi.com** for more information and let us help you get your business growing.





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Sparkle & Profit:

Elevate Your Customization Business with Bling Embellishment

Bling embellishment adds a level of customization that customers love. Integrating bling embellishments into your business is both manageable and often lucrative. With minimal investment, it can enhance your product offerings and attract new customers. If your business already has a trendy customer base, adding bling could be a seamless transition.

THE INDUSTRY STANDARD FOR BLING EMBELLISHMENT

ColDesi's lineup of rhinestone and spangle machines offers something for every business. Here's an overview of their top machines:

ProSpangle Machine

The ProSpangle machine produces spangle transfers, creating intricate patterns quickly while minimizing material waste.



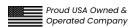
CAMS Rhinestone Machines

The CAMS series delivers precision and speed, automating rhinestone application efficiently. These machines create detailed designs with thousands of rhinestones in minutes, reducing labor costs and ensuring consistent, high-quality results.



The SpangleElite machine is compact and affordable, making it ideal for businesses new to spangle embellishments or operating on a smaller scale. Easy to use, it's perfect for small-to medium-sized operations.

At ColDesi, we help businesses grow with quality equipment, expert guidance, and innovation that keeps them ahead.





HIGH-QUALITY SUPPLIES AND CONSUMABLES

To achieve professional results, you need top-tier materials. ColDesi offers a range of high-quality rhinestones and spangles to meet your needs.

HEAT PRESS MACHINES FOR BLING TRANSFERS

A reliable heat press is essential for applying rhinestone and spangle designs. ColDesi's heat press machines are optimized for bling transfers, providing even heat distribution for perfect adherence every time. Their user-friendly features make them a valuable addition to any customization setup.

RHINESTONES VS. SPANGLES: WHICH IS BETTER?

Deciding between rhinestones and spangles depends on your target audience and design needs. Here's a quick comparison:

· Rhinestones

- → Provide a three-dimensional sparkle.
- → Ideal for high-end fashion and intricate designs.
- → Add a luxurious touch to formal and statement apparel.

Spangles

- → Flat and lightweight.
- → Perfect for large designs and activewear, such as sports uniforms.
- → Offer a metallic shine and are costeffective for high-volume production.



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COST AND PROFITABILITY

Bling embellishments can significantly enhance profit margins. Rhinestones are more expensive per unit than spangles, but their perceived value often allows for higher markups. Spangles provide a cost-effective option, delivering striking results suitable for budget-conscious customers or bulk orders. With ColDesi's machines, production costs are minimized, enabling greater profitability.

PRICING STRATEGY

Effective pricing for bling embellishments requires considering material costs, labor, design complexity, and market demand. Here's a structured approach to setting prices:

1. Calculate Material Costs

Rhinestones or Spangles: Determine the cost per unit (per piece, gross, or sheet) of the embellishment material.

Transfer Materials: Include the cost of transfer tape, adhesive, or any backing material used.

Other Supplies: Add costs for equipment, heat presses, or applicators required for the embellishment.

Example: If a rhinestone design uses 500 stones and the cost per stone is \$0.01, the material cost is \$5.00.

2. Account for Labor

Design Time: Factor in the time spent designing or digitizing the artwork for the embellishment.

Application Time: Include the time required to lay out and apply the embellishments.

Set a labor rate based on an hourly wage or market standard.

Example: If labor costs \$20/hour and the process takes 30 minutes, the labor cost is \$10.00.

3. Factor in Overhead

Include a portion of business expenses such as rent, utilities, machine maintenance, and marketing in your pricing.

Divide monthly overhead by estimated monthly projects to determine a per-project allocation.

Example: If monthly overhead is \$1,000 and you complete 50 projects a month, allocate \$20 per project.

4. Consider Design Complexity

Charge more for intricate designs with higher stone counts or multi-color patterns.

Simpler designs with fewer elements can be priced lower.

Example: A single-color design might cost \$10, while a multi-color, multi-layered design could cost \$20+.

5. Add a Profit Margin

Include a profit margin to ensure your business remains sustainable.

Typical margins range from 20% to 50%, depending on competition and perceived value.

Example: If your total cost (materials + labor + overhead) is \$20, and you want a 40% profit margin, the price is \$28.

6. Benchmark Against Competitors

Research the market to understand what competitors charge for similar services.

Ensure your pricing is competitive without undervaluing your work.

7. Create Tiered Pricing

Offer discounts for bulk orders or create price tiers based on the number of items ordered.

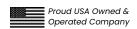
Example: 1-10 items = \$30 each, 11-50 items = \$25 each, 51+ items = \$20 each.

8. Test and Adjust

Start with your calculated price and adjust based on customer feedback, demand, and profitability.

Be flexible with trends or custom requests, which may allow for premium pricing.

By calculating costs and analyzing market trends, you can price bling embellishment services fairly. This approach ensures profitability while maintaining customer satisfaction.





WHY CHOOSE COLDESI FOR YOUR BLING BUSINESS?

ColDesi offers state-of-the-art equipment and comprehensive support to help your business succeed. From in-depth training to customer assistance, ColDesi ensures you have the tools to excel. No matter the size of your business, ColDesi machines are built to help you thrive in the customization market.

Incorporating bling embellishments into your business is a strategic investment. With ColDesi's machines, you can create stunning designs, expand your revenue streams, and exceed customer expectations. Discover how ColDesi can elevate your customization business today.

Call **844-255-3818** or visit **coldesi.com** to live chat with a Pro and learn more.



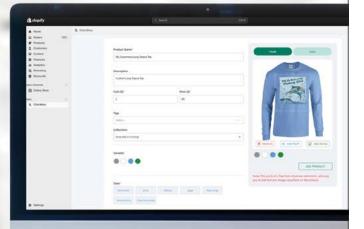


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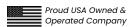
- Streamlined Workflow: Effortlessly manage orders, inventory, and production workflows all in one place, saving you time and minimizing errors.
- Boosted Sales: Enhance your online store with customizable product options, streamlined checkout, and seamless integration—resulting in increased conversions and revenue.
- Enhanced Security: Rest easy knowing that your data and transactions are protected with state-of-the-art security measures.
- Advanced Insights: Gain valuable insights into customer behavior, sales trends, and performance metrics to make informed business decisions.
- User-Friendly Interface: Enjoy an intuitive and user-friendly interface that makes navigating and using the app a breeze for you and your team.

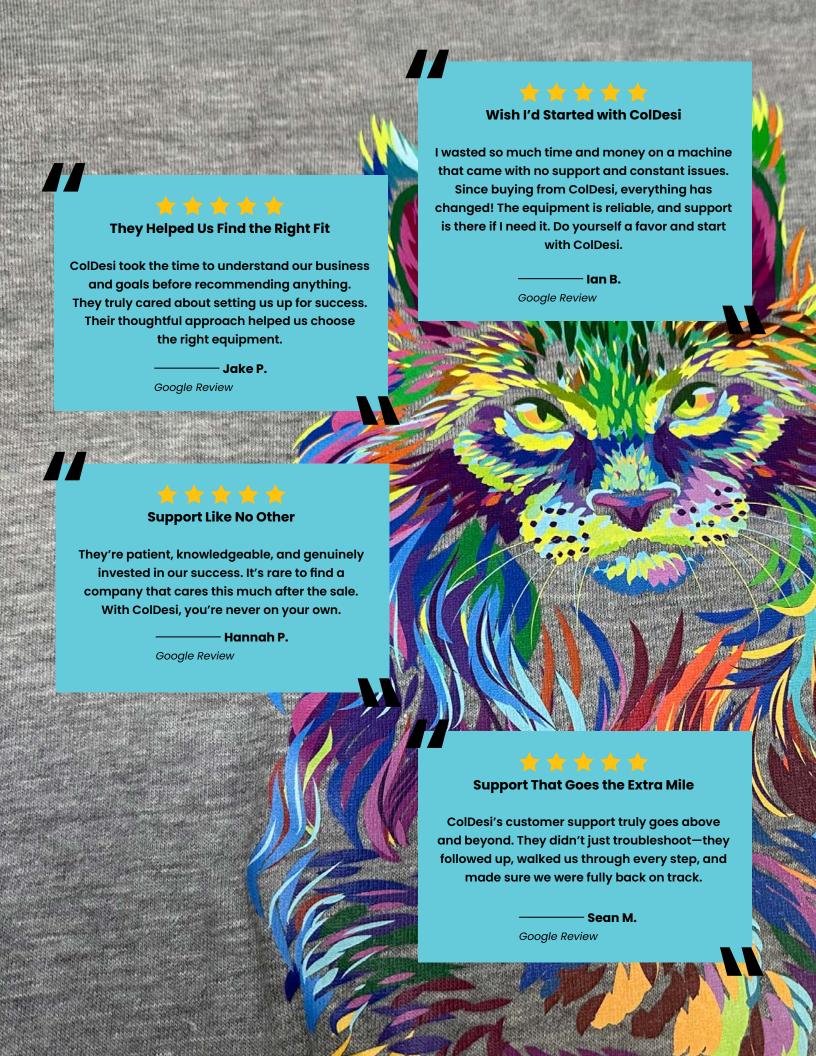




Experience the ClickWear advantage and take your custom apparel business to new heights. Don't miss out—integrate ClickWear into your Shopify store today and unlock a world of possibilities!









Why Choose ColDesi?

ColDesi is your partner in success. With decades of experience and a reputation for reliability, we offer high-performance customization equipment backed by expert training and real, U.S.-based support.

Customers choose ColDesi for:

- → Proven, cost-effective equipment solutions
- → Expert-led training—online, in-person, and self-paced
- → U.S.-based support with hands-on troubleshooting
- → Innovative technology that boosts efficiency and reduces waste
- → A robust Resource Center with business tips and tutorials

Join thousands of businesses that trust ColDesi to help them grow.



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