

Electrify Your Prints

The Ultimate Guide to the ROQ E Self-Contained Automatic Screen Printing Press

ROQ E





You're ready to take your shop to the next level but bulky, air-powered presses and manual labor are holding you back. The ROQ E is your solution.

This all-electric automatic press delivers speed, precision, and efficiency without the need for an air compressor. Compact, powerful, and built for growth, it's designed to fit your shop and your ambitions



“The ROQ-E legitimized our print shop, it's quiet, prints amazing quality, and has helped us expand from printing our own merch to now printing for other bands! ”

-JT Woodruff, Skeleton Club Printing and Hawthorne Heights

HAWTHORNE HEIGHTS

Ready to plug in, power up, and press on? Read this E-Book to learn why, when, and how the ROQ-E could be the next best hire in your screen printing operation.

Want to get hands on?

Schedule a free test drive today!

Why Choose the ROQ E?

Whether you're new to automation or looking to upgrade your current setup, the ROQ E is packed with features that will enhance your productivity, efficiency, and profitability.



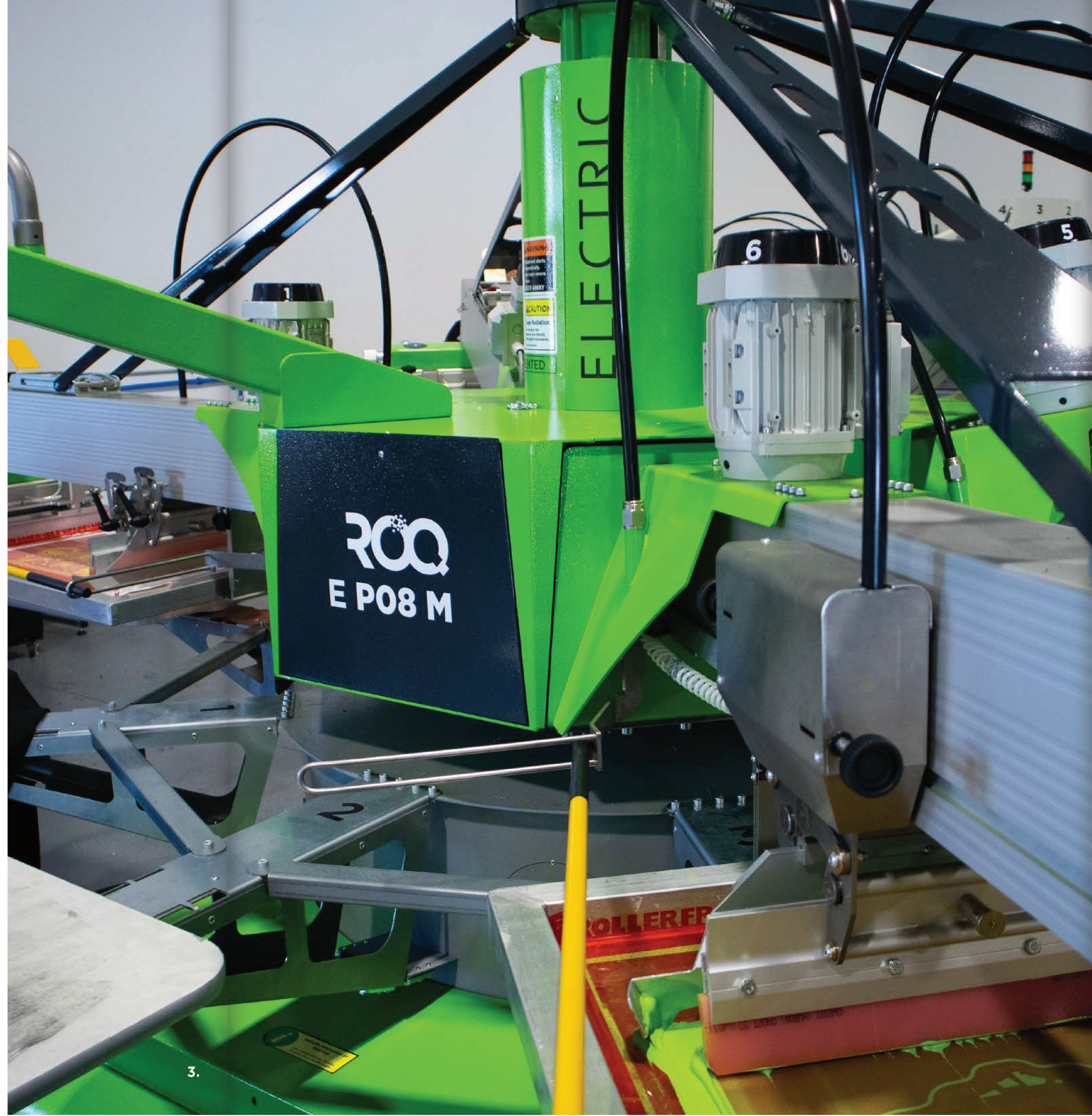
Simply Connect & Print

The ROQ E comes with a built-in air supply that eliminates the need for an external compressor, making it perfect for shops with limited space to simply connect to power and tap into game-changing quality and speed.

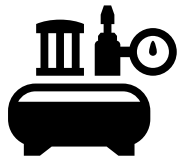


Affordable Automation

This press is an industrial machine that requires just a single electrical connection to operate, making it a powerful, cost-effective option for businesses looking to do more with less.

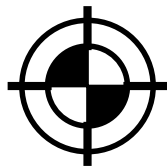


Key Features of the ROQ E:



Onboard Air Supply

The E's integrated 2-horsepower compressor and air chiller generate the small amount of air the press requires, eliminating the need for a bulky third-party air compressor. It's ideal for print shops without compressed air readily available. The onboard air supply powers critical functions like screen clamps and squeegee pressure that enable consistent registration accuracy while maintaining whisper- quiet operation.



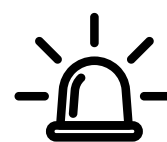
Simplified Setup and Registration

The ROQ E slashes setup and registration times by more than 50%, thanks to ROQ's signature REGistration system, open footprint layout, and always-level honeycomb platens. The precise index and quick setup features are essential for businesses looking to maximize production hours and minimize setup time labor.



Quiet and Space-Saving Design

With its eye-catching and intuitively sleek design and low-profile platen arms, the ROQ E is perfect for shops with space constraints. The onboard air supply operates quietly, creating a pleasant work environment and making it possible to set up the press in residential and retail locations.



Onboard Maintenance Alerts

The ROQ E notifies you when it's time to drain the air chiller or clean filters, making maintenance a breeze. The simplicity of managing the onboard system ensures smooth, continuous operation with minimal downtime.



Pneumatic Controls

While the ROQ E reduces overall air consumption by converting key functions to electric power, it retains pneumatic control where it is most critical:



Squeegee Pressure

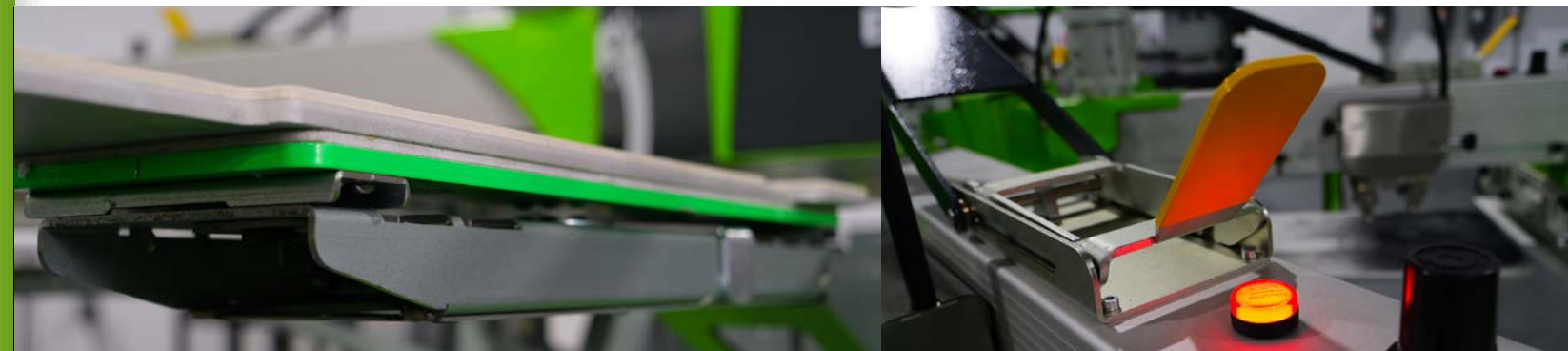
Up to 80 lbs. of air pressure ensures uniformity, even when printing on difficult substrates like collars, seams, and pockets where all- electric machines struggle.

Screen Clamps

Quick setup and teardown, secured by air clamps, are essential for maintaining ROQ's industry-leading speed and registration accuracy.

Electric Central Lifting

The slight print-and-peel motion of the ROQ printheads creates a better print with far less chance of ink gain or substrate movement than a direct heads-up-and-down screen motion. Changing this function from pneumatic to electric on the ROQ E, reduces the total amount of air required to operate the press to less than 9 CFM.



Easy Lift Handles & Low Profile Platens

Coming standard on every ROQ E Press, are low-profile platen arms, making it easier than ever to print single-sleeves without the need for heavy dual sleeve platens. ROQ has also simplified the process of releasing and lifting printheads into the cleaning position by introducing new ergonomic handles and latches on the E that make operating the press even easier.



Superior Print Quality and Control

The ROQ E uses an AC Servo motor to manage flood and stroke functions, ensuring print consistency. Combined with pneumatic squeegee pressure control, you get the versatility to print larger images and handle intricate designs effortlessly.

Electrify Your Prints, Electrify Your Business, Electrify Your Fans.

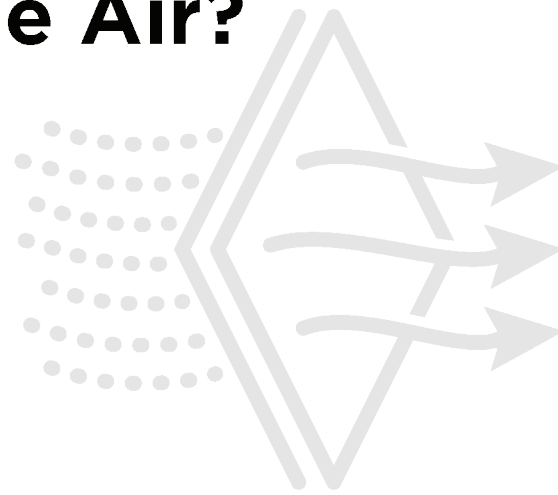
Why Does the ROQ E Still Have Some Air?

ROQ engineers found that if pneumatics had been eliminated from the press entirely, it would have created limitations to critical press components needed to maintain ROQ's commitment to excellence.

By not relying solely on electric power, the E avoids sacrificing print quality and versatility, instead maintaining ROQ's famous registration efficiency and print accuracy while still accomplishing their goal of creating a press unbound by an external compressor.

While the idea of an "all-electric" press sounds good, the capabilities of presses without any air supply limit the versatility of industrial-level print operators trying to compete in the modern marketplace.

Prior to the debut of the ROQ E, small business decorators were forced to make difficult decisions about whether to sacrifice quality and efficiency in order to avoid the need for an external



compressor. In some instances, there simply was no choice if the production area was in a retail space needing to be kept quiet for customers or a building zoned for residential where the presence of a large, noise-producing compressor was just not feasible.

Since its debut at Printing United 2023, the ROQ E has become the go-to solution for small to mid-sized print shops, delivering industrial performance with a simple Connect & Print setup.

Discover why the ROQ E has become the most popular automated screen printing solution among decorators

**Get hands on with a
Test Drive Today!**





The ROQ E Advantage

One function that sets the ROQ E apart from its competitors is it's precision indexing motion. Engineered for smoothness and efficiency, its industrial design delivers one of the quietest and most fluid operations in the world. Additionally, the ROQ E includes a cleaning mode feature (found across all ROQ presses), making routine maintenance faster and easier, ultimately helping to keep your production running seamlessly and resulting in:

Faster Setup ⚡ Higher Productivity ⚡ Lower Costs

The ROQ E elevates brand perception by streamlining operations and reducing reliance on manual labor. Plus it just looks sexy ;)

The ROQ E is the ideal solution for businesses making the leap into automation for the first time.

Designed with a commitment to innovation, this press reflects ROQ's objective of engineering user-friendly, low-maintenance solutions.

The reliability of the ROQ E helps business owners make informed decisions and minimizes the risk of equipment downtime and repair costs.



Setup and Registration Time Savings



Setup and registration times are one of the biggest challenges to profitable screen printing production.

It's often not about how fast you can print, (although ROQ E can print up to 900 shirts per hour with two operators) your profitability depends on how fast you can take down a job once it's completed, set up the next job, and register the screens perfectly so that you can get back to printing.

In the screen printing industry, your profitability is tied directly to your ability to keep the presses spinning, which is why ROQs are designed to allow you to do just that.

The open footprint layout, the level-plane carousel, the always-level honeycomb platens, and **ROQ's REGistration system** combine to provide print businesses with the tools necessary to slash traditional setup times by more than half and stay ahead in a competitive market.

ROQ efficiencies save the average screen printing operation 1-2 hours of setup labor every single shift, saving businesses nearly \$5,000 annually compared to operating less efficient automatic screen printing machines.



Setup and registration times are one of the biggest challenges to profitable screen printing production.

It’s often not about how fast you can print, (although ROQ E can print up to 1000 shirts per hour with two operators) your profitability depends on how fast you can take down a job once it’s completed, set up the next job, and register the screens perfectly so that you can get back to printing.

The ROQ E Advantage

- ⚡ 50%+ Faster Setup – Reduce setup time by over 240 hours per year
- ⚡ Higher Throughput – Print up to 120,000 additional shirts per year

By switching to ROQ E, your business saves time, increases production, and boosts profitability—all without sacrificing quality. Why pay more when you don’t have to? Simply Connect & Print.

METRICS	TRADITIONAL AUTO PRESS	ROQ E AUTO PRESS	TIME SAVED	ADDITIONAL CAPACITY
Setup Time per Screen	5 minutes	2 minutes	3 minutes	25 shirts
Setup Time per Job (4 screens)	20 minutes	8 minutes	12 minutes	100 shirts
Setup Time per Day (5 jobs)	1 hour 40 minutes	40 minutes	1 hour	500 shirts/day
Setup Time per Week	8 hours 20 minutes	3 hours 20 minutes	5 hours	2,500 shirts/week
Setup Time per Month	33 hours 20 minutes	13 hours 20 minutes	20 hours	10,000 shirts/week
Setup Time per Year	400 hours	160 hours	240 hours	120,000 shirts/year

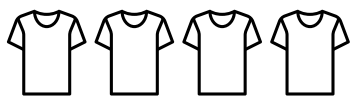
The ROQ E also mitigates labor-related risks associated with manual printing processes.

The physicality of manually screen printing in a hot warehouse next to an even hotter conveyor dryer during the summer months can lead to dehydration, and heat exhaustion, to say nothing of the fact that operators can produce only 50-100 shirts per hour on a manual. The cost per piece when calculated against the team member’s pay is astronomical compared to producing the same print job with automation.

The ROQ E catapults your production by over 7x times that of a manual press.

Let’s look at one of the numerous ways this can translate. The same team member who may sweat half their body weight while pulling a squeegee in a sweltering warehouse for 8 hours (and only have 400+ total garments to show for it), can with the ROQ E, allow the machine to do the hard work of printing and indexing, enabling the machine’s operator to produce 3,000+ shirts per shift without pulling a squeegee. With two operators on the press, loading, and unloading, total output can increase to 6,000+ shirts per day.

Manual vs. ROQ E Production Comparison		
FACTOR	MANUAL PRESS	ROQ E AUTO PRESS
Shirts Printed Per Hour	50 - 100	500+
Shirts Printed Per Shift	400 - 800	3000+
Shirts Printed Per Day (2 operators)	800 - 1,600	6,000+
Physical Effort	High pulling a squeegee all day in a hot warehouse	Low machine does the work
Risk of Fatigue & Heat Exhaustion	High	Low
Cost per Shirt (Labor Efficiency)	High lower output per hour	Low higher output per hour
Scalability	Limited	7x+ more production capacity



Manual Screen Printing
~400+ shirts/shift



Chart represents 100 shirts per icon



Automatic Screen Printing ~3,000+ shirts/shift



YOUR COMPETITIVE EDGE BUILT FOR BUSINESS GROWTH:

Versatility That Expands Your Business

From standard tees to specialty prints, the ROQ E adapts to your needs with a wide range of platens and substrates—helping you attract more customers and grow your offerings.

Superior Output & Faster Setups

With a 900-piece-per-hour production capacity, the ROQ E is built for high-output shops. Paired with the ROQ REG System, it slashes setup times so you can print more, faster.

Reliability You Can Count On

Backed by #GreenGloveService, the ROQ E keeps you running with minimal downtime thanks to its robust design, including the onboard air compressor and comprehensive support for parts, labor, and technician travel.



Effortless Sleeve Printing

Low-profile platen arms make it easier than ever to load sleeves and tough garments, while quiet operation and an intuitive interface reduce fatigue, streamline workflows, and boost productivity.

Affordable Automation That Pays for Itself

The ROQ E delivers labor savings, increased production, and top-tier print quality—a smart investment for businesses looking to scale.



Affordable Automation That Pays for Itself

The ROQ E delivers labor savings, increased production, and top-tier print quality—a smart investment for businesses looking to scale.

Experience the ROQ E Today

With advanced automation and intuitive features, the ROQ E helps you maximize efficiency and stay ahead in an evolving industry.

Not sure if the ROQ E is right for you? Contact Your ROQ Technical Solutions Team for personalized guidance and pricing!

The Future is **Green**.
The Future is Here.

At ROQ, we're committed to innovation, efficiency, and performance—developing solutions that drive your success.

Schedule Your Test Drive Today! Visit ROQ or call +351 252 980 500.

Thank you for letting us be #YourPartnerInPrint. ROQ on.

CONNECT ON SOCIAL:

