

evolve

Printex Monthly News Bulletin
2019 | Issue 77

YESTERDAY I DARED TO STRUGGLE. TODAY I DARE TO WIN.

~ Bernadette Devlin

**BE VERY STRONG AND BE VERY METHODOICAL IN YOUR LIFE
IF YOU WANT TO BE A CHAMPION.**

~ Alberto Juantorena

**WHAT THE SUPERIOR MAN SEEKS IS IN HIMSELF; WHAT
THE SMALL MAN SEEKS IS IN OTHERS.**

~ CONFUCIUS

Strength comes from struggle. When you learn to see your struggles as opportunities to become stronger, better, wiser, then your thinking shifts from 'I can't do this'



W2P

Web to Print

How can ROQPRINT NOW fully automated workflow help your business?



upload artwork



choose recipe



just print

flexibility

upload all artworks you wish
black and white t-shirt templates

time saving

very quick production
short delivery times

totally digital

no screens needed

money saving

only one operator

customization

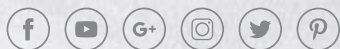
in different products

no worries

without minimum production



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ROQPRINT NOW TECHNICAL DATA

ROQPRINT NOW

bar code	yes
print stations	16*
maximum print area (length x width) - mm (inch)	450 x 340 (17.7" x 13.4")*
productivity - (pieces/hour)	300**
pallets type	special pallets with tissue fixing ring
RIP software	RoqStudio and RoqServer Special Edition
jobs management software	RoqNowSW
operating conditions	18°-30°C/64.4-86°F, Humidity 50%-70%, non-condensing
electrical requirements	3x400V AC 50 Hz, 44 kVA, 3ph + N + PE****
compressed air pressure	0.7 Mpa 120L/min., 17.6 cfm
machine dimensions (length x width x height) - mm (inch)	7426 x 4987 x 1789 (292" x 196" x 70")
ink type	Aquarius (by Dupont Artistri)

WHITE & CMYK DIGITAL STATION

number of printheads	8 WHITE + 8 CMYK
type of printheads	Fujifilm Dimatix
printing height range - mm (inch)	1.5 - 4*** (0.06" - 0.16")
Z axis course - mm (inch)	18 (0.7")
resolution available	600 x 400 dpi (2 pass) 600 x 800 dpi (4 pass) 600 x 1200 dpi (6 pass) 600 x 1600 dpi (8 pass)
printhead recirculation	integrated
sub-tank recirculation	integrated (only White Digital)
ink type	pigment
operating printing conditions	18-30°C / 64.4-86°F, Humidity 50%-70%, non-condensing

PRE-TREATMENT STATION

method of deposition / number of nozzles	sprinkler / 2
tank size (L)	10
pre-treatment deposition	10 - 50 gr.
control method	uni and bidireccional

DRY STATION

power	7.2 kVA
power / area	3.8 (W/cm²)
number of heating lamps	6 x 1200W

HEATING STATION

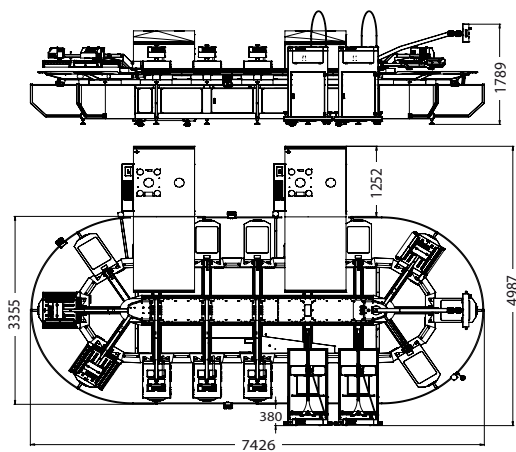
power	4 kVA
power / area	2 (W/cm²)

* available for other settings. upon request.

** for an A4 print size, 600x1200 DPI

*** as the print distance increases, the definition becomes lower

**** power supply type available: 230V, 3x230V, 3x400V in 50/60Hz





roqprint
now

any artwork with
inline process/production



roqprint now

In an era of mass production and fast fashion, Roq is unleashing the roqprint NOW. Our mission is to help today's local print shops cater to the ever increasing and growing world of innovators, creators and independent designers. The roqprint NOW facilitates the re-emergence of custom-made printed design by making quick turn around times and smaller print runs a viable and cost-effective option for the web to print market.

The roqprint NOW is our 100% digital press with no screens required. We've combined a digital white station with our digital CMYK station. So now, no matter what colour garment you choose, it can be printed digitally. With the roqprint NOW, printers can print completely different jobs in sequence without the down time of screen and ink changes. Printers will be able to print an unlimited number of shirts, each getting its own unique design one after the other with no downtime in between.

The roqprint NOW takes DTG printing to the next level. Our roqprint NOW press features an inline process, which takes the garment from the pre-treatment to final finishing in one touch. This is a critical innovation in the DTG printing process. Unlike the DTG machines currently on the market, the roqprint NOW takes a five-station process (pre-treatment, drying, pre-pressing, digital white and finally CMYK) and rolls it all up into a neat, efficient and time saving one step design.



PRINT ON DEMAND

WEB TO PRINT

300 PIECES/HOUR*
*FOR AN A4 PRINT SIZE, 600X1200DPI

Now an operator needs only to pick up a garment and scan its barcode to call up the assigned artwork and load it on the press. The roqprint NOW does the rest.

The roqprint NOW is an excellent tool in automating workflow, minimizing touches per garment, reducing the risk of human error and improving profitability. Our proprietary software can be integrated with the print shop's production management software.

- 1 LOAD STATION**
SEVERAL JOBS INLINE
- 2 ROQPRIMER**
PRE-TREATS THE FABRIC
- 3 ROQDRY**
DRYES PRIMER
- 4 ROQPRESS LEVEL**
DRYES AND FLATS THE FABRIC
- 5 WHITE STATION**
WHITE LAYER PRINTING
- 6 CMYK STATION**
CMYK LAYER PRINTING
- 7 ROQPRESS LEVEL**
FINAL FINISHING FOR SOFT TOUCH

Once the user prepares and loads the artwork onto the database, it uses a barcode system to call up the artwork to be printed on an assigned garment. Then, it will queue up the orders and print each file in sequence as garments are loaded on the press.

With roqprint NOW short-runs become easy and profitable.

This is not all though. Our inline design also allows printers to add a screen print station when necessary. Whether you need to incorporate a discharge base for those zero-hand designs or to include a poly-blocker screen when printing on polyester fabrics, the roqprint NOW is the press for you. We have created this new solution to both simplify a printer's work-flow as well as allow printers to offer all the services their clients may need.

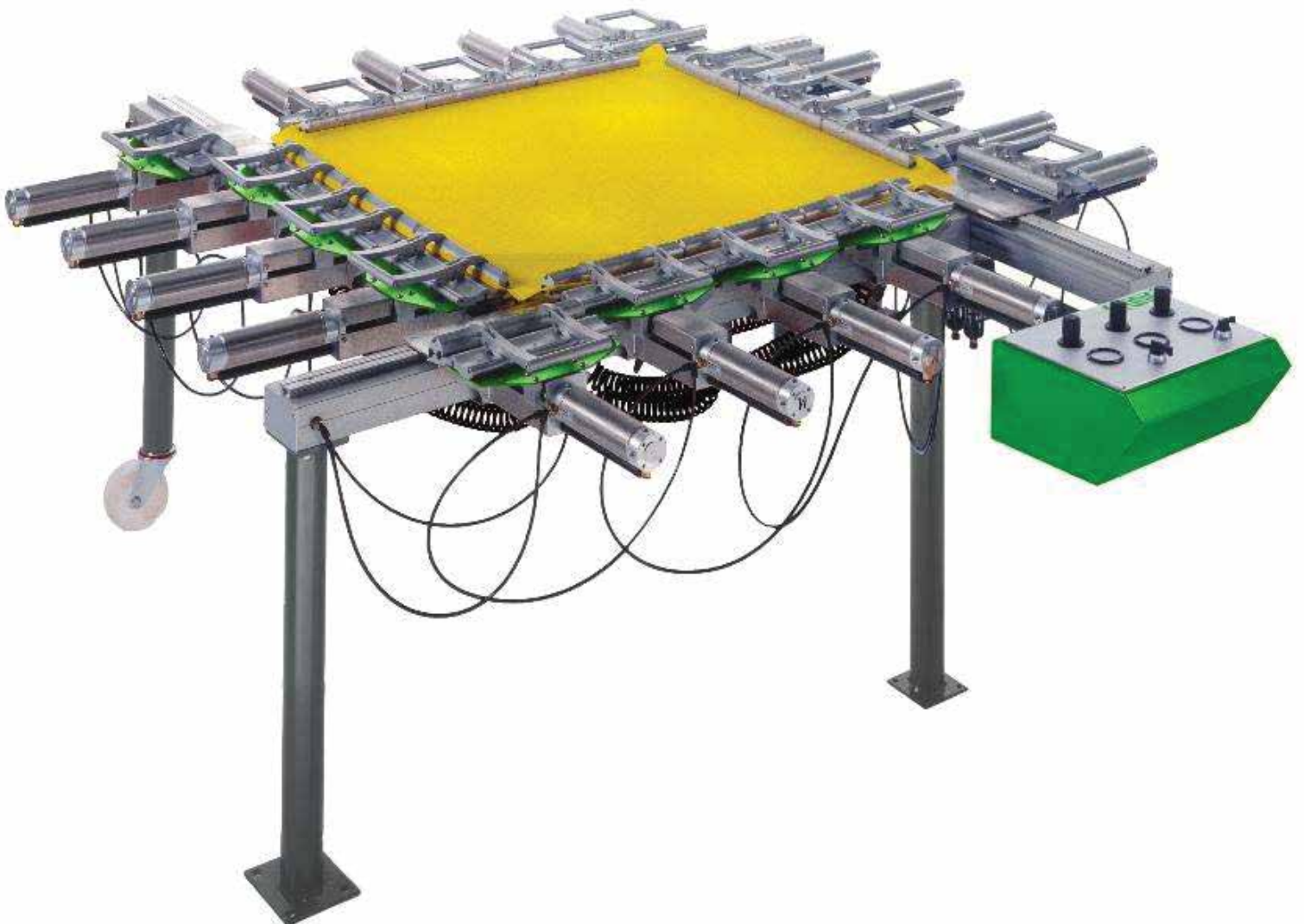
So, what are you waiting for?
Let's ROQ NOW!



GRÜNIC

G-STRETCH 215

PNEUMATIC STRETCHING MACHINE (A1)



Characteristics

Automatic stretching process (pneumatic)

Instant adjustment of the machine size
(telescopic system)

Optimal handling and highest precision

Automatic pre-bowing of the screen frames

Locking function for pre-bowing of screen
frames

No contact between frame and mesh during
stretching process

A supporting board allows multiple stretching
of small frames (Option W)

Machine-size (Frame outside dimensions)

Width: 750 mm (30") - 3000 mm (118")

Length: 750 mm (30") - 3000 mm (118")

Options

W, Supporting table for smaller screens

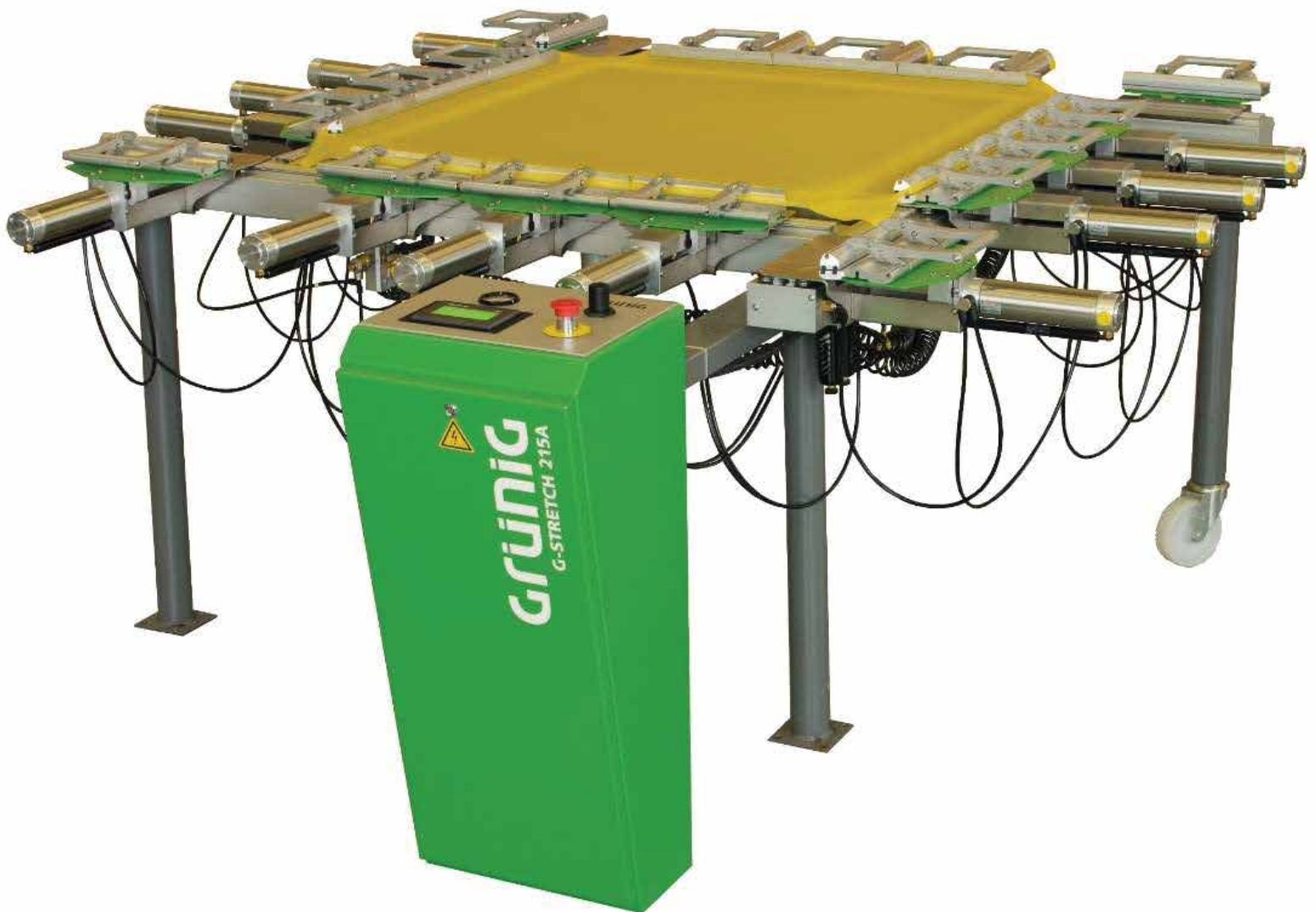
Z, Additional screen frame support



GRÜNIC

G-STRETCH 215 **AUTOMATIC**

PNEUMATIC STRETCHING MACHINE (A2)



Characteristics

Automatic stretching mechanism with up to 50 stretching programs

Unique "Mesh-Relax" function

Optimum handling and highest precision

Compensates the majority of inserting errors

Automatic pre-bowing of the screen frames

Locking function for pre-bowing of screen frames

No contact between frame and mesh during stretching process

A supporting board allows multiple stretching of small frames (Option W)

Machine-size (Frame outside dimensions)

Width: 750 mm (30") - 3000 mm (118")

Length: 750 mm (30") - 3000 mm (118")

Options

W, Supporting table for smaller screens

Z, Additional screen frame support



News from Printex



Our worthy CEO Mr. Mustafa kamal, visited the ITMA Barcelona 2019 and represent our company at ROQ & Cresa booth.



Printex is going to join hands with Gruinig Switzerland to promote their products in Pakistan.

Cresa launched their Digital Pigment Inks solution in ITMA and get a very good response from our valued customers.

Roq displayed the first complete Digital Solution "ROQ NOW" in ITMA and also appreciated by customers.

PRINTEX

Towards Innovation

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