PRINTEX
Towards Innovation

evolve

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WHATEVER THE STRUGGLE, CONTINUE THE CLIMB. IT MAY BE ONLY ONE STEP TO THE SUMMIT.

~ Diane Westlake

We Generate Fears While We Sit.We Overcome Them By Action
~ Dr. Henry Link

~ Harvey Keitel

The way I see things, the way I see life, I see it as a struggle. And there's a great deal of reward I have gained coming to that understanding -- that existence is a struggle.

- *If you don't like something, change it. If you can't change it, change your attitude. Don't complain. ~ Maya Angelou*
- *What the superior man seeks is in himself; what the small man seeks is in others. ~ Confucius*
- *The caterpillar does all the work, but the butterfly gets all the publicity. ~ MK*
- *The struggle you're in today is developing the strength you need for tomorrow. Don't give up. ~ Robert Tew*

roqcts INK

SIMPLIFY YOUR PROCESS

DIRECTLY FROM YOUR
COMPUTER TO YOUR **SCREEN**

NOW AVAILABLE IN 2 SIZES XL & 4XL

www.roqdigital.com

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ROQCTS_EN_v1_OCTOBER 2018

roqcts INK

Digital has also come to the screen printing, convert almost all the processes of creating a screen, in a simple click!!

The creation of a screen for screen printing business is a slow, meticulous and costly process for the screen printers. For these reasons, **ROQ has developed a machine that prints directly into the screen, dramatically reducing costs.** From your computer directly to the screen, that's what the ROQcts INK does. Simple!

The ROQcts INK has two new sizes, the XL and the 4XL for larger screens, prints at most 1100x1600mm and with a maximum resolution of 1270x2400dpi.

With the savings in films and the costs associated with the traditional process you could have the return of your investment between in one to two years.

In addition to all the mentioned advantages, the screen printer teams will save a lot of time on the setup of the screens, because ROQcts INK comes equipped with the same clamping system as the ROQprint machines

ROQcts will make your job much easier!

SAVE TIME AND MONEY BY USING ROQCTS

INSTEAD OF USING TRADITIONAL FILM

PROCESS	FILM	ROQCTS
RIP	✓	✓
printing the film	✓	✗
printing direct to screen	✗	✓
film inspection	✓	✗
alignment of film on the screen	✓	✗
vaccum	✓	✗
screen exposure	✓	✓
washout	✓	✓

ROQCTS	XL	4XL
maximum measure of the screen (mm/in)	660 x 1050 / 25.9" x 41.3"	1100 x 1600 / 43.3" x 63"
maximum print area (mm/in)	500 x 700 / 19.7" x 27.6"	950 x 1250 / 37.4" x 49.2"
maximum print resolution (dpi)	1270 x 2400	1270 x 2400
printhead resolution (dpi)	600	600
compressed air consumption (l/hour)	20*	20*
maximum consumption (kVA)	2,5	2,5
lenght (mm/in)	1950 / 76.8"	2450 / 96.5"
height (mm/in)	1444 / 56.8"	1444 / 56.8"
width (mm/in)	1289 / 50.7"	1729 / 68.1"
weight (Kg)	400	550

• *Printhead (RICOH GEN5)*

• *Maintenance station: cleaning and preservation (capping)*

• *Rack transmission system for greater accuracy*

• *Frame clamping: "U" system*

• *Frame clamping: "Pins" system*

• *Tank of supply and PC (RIP)*

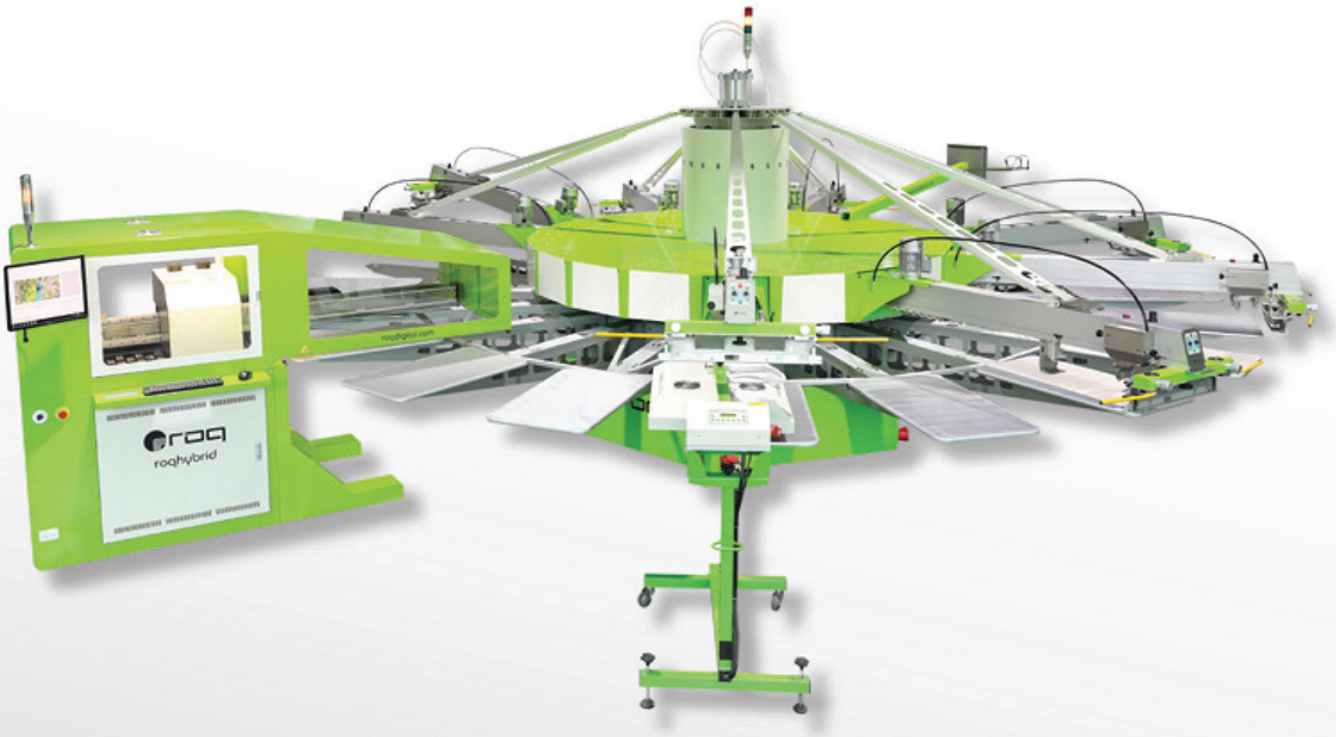
COMPATIBLE WITH ROQPRINT CLAMPING SYSTEM

why choose
screen or digital,

when you can have both?

roq DIGITAL SOLUTIONS 35 YEARS

roqhybrid



SCREEN
PRINTING

Productivity
Lower cost per print
Prints in all materials
Special effects

+

DIGITAL
PRINTING

Print Definition
Number of colors
Reliability of colors (reproduction)
Faster setup

HAVE IT ALL AT ONCE

ROQ HYBRID

ROQHYBRID_EN_v6_July 2018

roq DIGITAL SOLUTIONS

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roqprimer

The ROQPRIMER machine automactically applies the liquid pre-treatment in the garments. To facilitate the operator's work, this method ensures an uniform coating without requiring human intervention.

In addition, it allows a significant produtivity increase, and ensures a better quality print in the final product.

For this reason, ROQ, developed the ROQPRIMER machine, which works in perfect sync with ROCKHYBRID and also with ROQPRINT YOU, ECO, OVAL, PRO, and EVOLUTION printing machines.

Coating area adjustment system

Integrated cleaning system

Electronic control console

5 litre Capacity Tanks: pre-treatment liquid [P], Cleaning liquid [C] and Waste fluid [W]

ROQPRIMER	
[A] Length – mm (In)	2000/78.7"
[B] Height – mm (In)	1400/55.1"
[C] Width - mm (In)	1140/44.9"
Maximum Coating Area (mm / In)	830/32.6"
Maximum Coating width (mm / In)	625/24.6"
Minimum Coating width (mm / In)	245/9.5"
Maximum consumption (kvA)	0.6

- Quick and Simple set up
- Maximum Coating area of 625x830 mm
- Pre-treatment liquid deposit of 5LT
- Individual "On/Off" selection possibility of each pulverizer nozzle
- Easy Ajustment of the: height, width and pulverization length; pressure and flow coating and advance speed
- Uniform Coating of prodcut (excluding the "dew" effect)
- Semi-automatic circuit cleaning system
- Includes a integrated waste collection which is fitted under the pallet

roqhybrid

ROQ presents a new dawn for screen printing: the ROQHYBRID. In its essence it is a digital printing machine. A direct to garment machine.

In reality it is much, much more than that.

The ROQHYBRID works in perfect synchrony with an automatic screen printing machine. The productivity of a screen printing machine with the definition of a digital printing machine.

The ROQHYBRID will allow your business to grow beyond your expectations.

8 heads
CMYK
or
12 heads
CMYK+2
up to
450
pieces/hour*
roqdigital.com

ABOUT ROQHYBRID

Those demanding jobs that you need to think 2 or 3 times before accepting, they will become easy jobs for you and your company. With the ROQHYBRID you can combine glitter, foil, 3D, etc. with the precision of colours, high resolution and huge colour gamut all with a great hand feel.

The ROQHYBRID can come with 8 or 12 print heads.

The ROQHYBRID with 8 print heads use the CMYK colours. The version with 12 print heads use the CMYK + 2 colours enhancing the available colour gamut.

One of the reasons why ROQ decided to use the Fujifilm Dimatix for print head is the fact that it is possible to repair it. This feature, together with the recirculation feature, allows for for a greater lifespan of the print heads.

The ROQHYBRID can come with a maximum printing size of 500x700mm or 750x900mm.

The ROQHYBRID adapts to the type of textile you are printing on. The Z axis can be adjusted (up to 20mm) to adjust the different height of the textile you are printing on.

To partner with the ROQHYBRID, ROQ also has a new line of digital inks and products as well the ROQ Studio a RIP software powered by Neostampa.

ROQ, as always, supplies solutions. The ROQHYBRID is the solution for the future of screen printing.

Your life will become so much easier.

TECHNICAL DATA

ROQHYBRID	H8 C4 XL	H8 C4 2XL	H12 C6 XL	H12 C6 2XL
print heads	Fujifilm Dimatix			
number of print heads	8	8	12	12
number of nozzles per print head	1024			
drop size	24 pl			
number of colours	CMYK	CMYK	CMYK + 2	CMYK + 2
ink type	pigmented ink			
print height	1,5 mm to 4 mm****			
Z axis movement	up to 18 mm			
X axis movement	linear motorization			
max. printing area	500x700mm	750x900mm	500x700mm	750x900mm
max. productivity	450 pieces/h*			
resolution	600x400 dpi (2 pass); 600x800 dpi (4 pass); 600x1200 dpi (6 pass)			
max. resolution	600x1200 DPI			
RIP Software	ROQ Studio powered by Neostampa			
environmental conditions	temperature: 20° a 30°C / humidity: 50% a 70%			
power supply**	AC 100-240V, 50Hz, 60Hz, 3300W			
width	1000 mm	1280 mm	1000 mm	1280 mm
lenght	2610 mm	2890 mm	2610mm	2890 mm
height***	1565 mm	1685 mm	1565 mm	1685 mm

* for a print of A4 paper size on medium speed at 600x800dpi
** consumption values referring to the Hybrid machine only, without any other accessory
*** adjustable up to 18m
**** as the print distance increases, the definition becomes lower

News *from* Printex

By the Grace of Allah, We installed the 1st ROQ NEXT in Karachi during first week of August. Some pics are for the reference.

PRINTEX

Towards Innovation

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