

# SCREEN PRINTING MACHINES AND ACCESSORIES

**ROQ**  
YOUR PARTNER IN PRINT

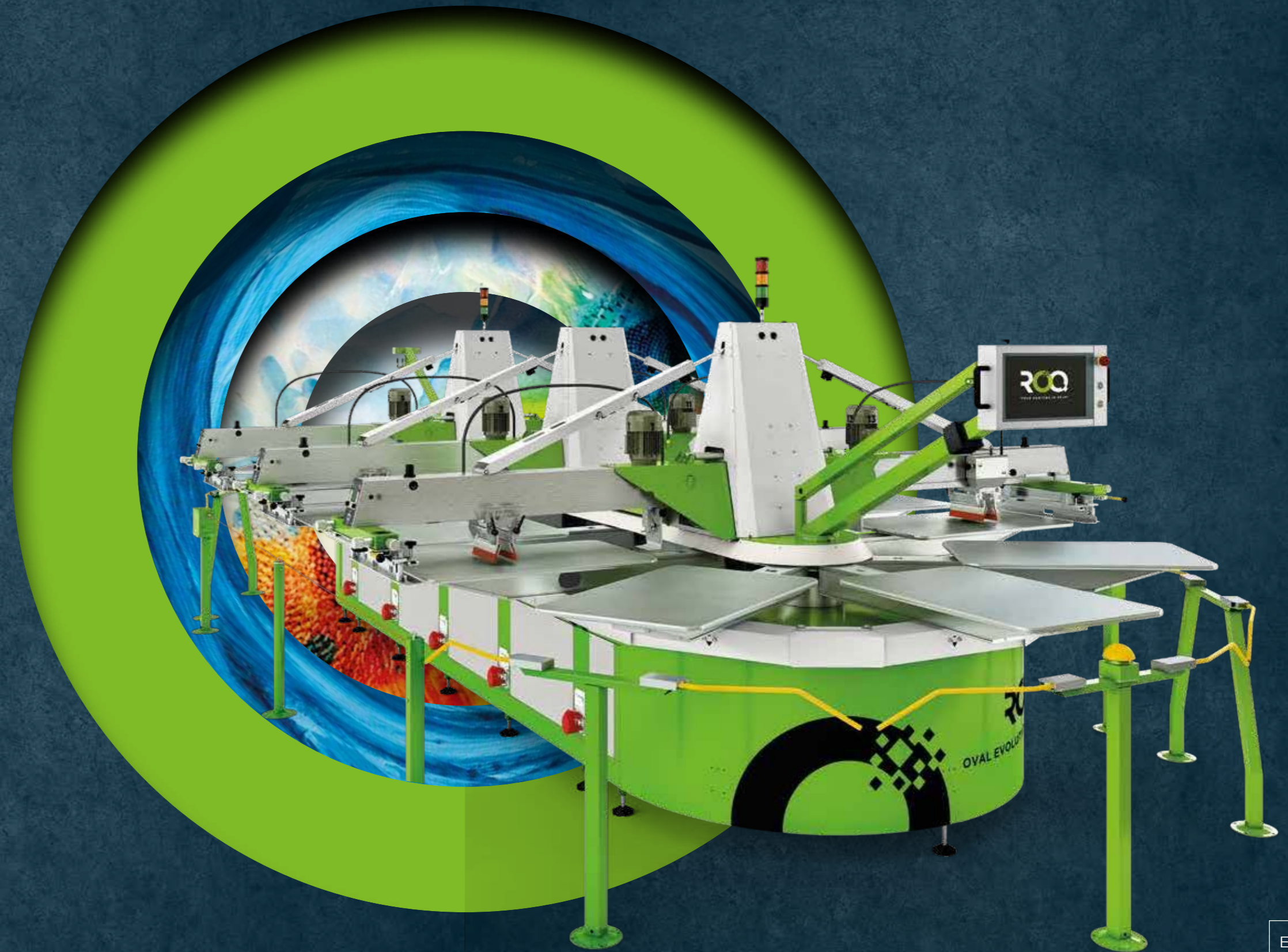
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Present in over 60 countries,  
ROQ provides a complete set of industrial  
screen printing equipment.

38 years of constant innovation, evolution and  
technological improvement led to this complete state-of-  
the-art portfolio: round and oval screen printing machines,  
flash cures, dryers, computer-to-screen equipment and the most  
diverse array of accessories. A complete range of solutions to  
meet the needs of any printer, from the independent entrepreneur  
to the multinational enterprise.

ROQ becomes your true partner, making its extensive global  
assistance network and knowledge available to you.

On round machines there are solutions to print up to 3XL.  
On the ovals, in addition to its legendary indexing system,  
it's possible to print up to 4XL.

ROQ creates long-term partnerships where both  
parties come out on the winning side.

**ROQ - Your Partner in Print**

# ROQ NANO

## PLUG & PLAY

ROQ Nano	P10
number of colors (max.)	4
number of pallets	10
number of flash cure (max.)	4
maximum drying area (mm/inch)	200 x 200 / 8" x 8"
maximum flash cure consumption (kVA)	3
maximum production (pieces/h) *	1200
compr. air consumption at 7 bar (l/min. /cfm) **	70 / 2.5 + consumption of each printhead
maximum consumption (kVA) ***	2
machine diameter (mm/feet)	2325 / 7.6'
total height (mm/feet)	2064 / 6.8'
minimum width of the base (mm/feet)	790 / 2.6'
machine weight (kg/lbs)	650 / 1433

\* one squeegee with flooding for a 200x200mm print.  
 \*\* consumption of each printhead: 95 l/min 3.4 cfm per 20 pieces/hour.  
 \*\*\* these values exclude the consumption with flash-curing, they should be calculated separately, taking into account the number of flash cure units employed on the machine.  
 - power supply: 230V+N, 2x230V, 3x230V, 3x400V+N in 50Hz or 60Hz.

### ROQ Nano MAIN HIGHLIGHTS

- max. production **1200\* pieces/hour**
- max. printing area **200x200mm**
- suits best for **S print sizes**

\* indicative value, which may vary depending on the size of the print. For more information, see the data table.

### PALLETS, SCREEN AND PRINT SIZES



INDEX PRECISION: +/- 0.025mm / 0.001"  
 MAX. FRAME PROFILE/THICKNESS: 30x30mm / 1.2"x1.2"



Flash cure is incorporated into the machine structure and does not require assembly or leveling. It can be moved at any time.

# ROQ FIT

## SMALL & FAST

ROQ Fit	P08
number of colors (max.)	4
number of pallets	8
nr of flash cure connection units (optional)	3
maximum production (pieces/h) *	1000
compr. air consumption (l/min. 7 bar) **	250l/min - 8,9 cfm + number of printhead
maximum consumption (kVA) ***	2
machine diameter (mm/feet)	3430 / 11,3'
total height (mm/feet)	2316 / 7,72'
minimum width of the base (mm/feet)	790 / 2.6'
machine weight (kg/lbs)	800 / 1764

\* on squeegee with flooding for an A4 print size.  
 \*\* consumption of each printhead: on squeegee with flooding for an A4 print size.  
 \*\*\* these values exclude the consumption with flash curing, they should be calculated separately, taking into account the number of flash cure units employed on the machine.  
 - power supply: 230V+N, 2x230V, 3x230V, 3x400V+N in 50Hz or 60Hz.

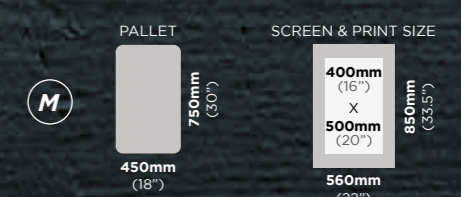


### ROQ Fit MAIN HIGHLIGHTS

- max. production **1000\* pieces/hour**
- max. printing area **400x500mm**
- suits best for **M print sizes**

\* indicative value, which may vary depending on the size of the print. For more information, see the data table.

### PALLETS, SCREEN AND PRINT SIZES



INDEX PRECISION: +/- 0.025mm / 0.001"  
 MAX. FRAME PROFILE/THICKNESS: 50x50mm / 2"x2"

# ROQ YOU

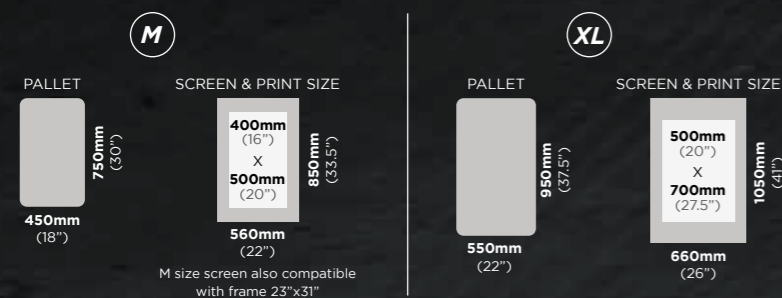
## POWERHOUSE

Robust, fast, reliable and accurate, these are the main features of the ROQ You. This automatic screen printing machine is designed to be extremely easy to use. It is equipped with a software that lets you control all functions from the central panel. The You ensures the versatility and accurate quality in any work.

ROQ You	P08 M	P10 M	P10XL	P12XL	P14XL	P16XL	P18 XL	P20 XL	P22 XL
number of colors (max.)	7	9	9	10	12	14	16	18	20
number of pallets	8	10	10	12	14	16	18	20	22
number of flash cure connection (max.)	3	4	4	5	6	7	8	9	10
maximum production (pieces/h) *	1050			1000					
compr. air consumption at 7 bar (l/min. / cfm) **	220 / 7.5 + consumption of each printhead			340 / 12 + consumption of each printhead					
maximum consumption (kVA) ***	3.5	4	4	5.5	6	7	7.5	8	9
machine diameter (mm / feet)	3600 / 11.8'	3900 / 12.8'	4600 / 15.1'	5200 / 17.1'	5450 / 17.9'	5900 / 19.4'	6325 / 20.8'	6950 / 22.8'	7250 / 23.8'
total height (mm / feet)	2322 / 7.6'	2400 / 7.9'	2400 / 7.9'	2423 / 7.9'	2463 / 8.1'	2485 / 8.2'	2652 / 8.7'	2698 / 8.9'	2698 / 8.9'
minimum width of the base (mm / feet)	1022 / 3.4'	1346 / 4.4'	1346 / 4.4'	1550 / 5.1'	1800 / 5.9'	2014 / 6.6'	2280 / 7.5'	2230 / 7.3'	2230 / 7.3'
machine weight (kg / lbs)	1150 / 2535	1200 / 2646	1280 / 2822	1900 / 4190	2200 / 4850	2650 / 5842	3150 / 6945	3650 / 8047	3900 / 8598

\* one squeegee with flooding for an A4 print size.  
 \*\* consumption of each printhead: 15 l/min / 0.5 cfm in 15 pieces/min.  
 \*\*\* these values exclude the consumption with flash cure. It should be calculated separately taking into account the number and model of the flash cure used in the machine. See flash cure page.  
 - power supply: 230V+N, 2x230V, 3x230V, 3x400V+N - 50Hz or 60Hz.

## PALLETS, SCREEN AND PRINT SIZES



INDEX PRECISION: +/- 0.025mm / 0.001"  
 MAX. FRAME PROFILE/THICKNESS: 50x50mm / 2"x2"

## MAIN FEATURES

- Aluminum honeycomb pallets
- Squeegee movement with AC frequency drive
- Independent control panel on all printheads
- Choice of pneumatic screen holder: "U" clamp or pin system
- Printhead central elevation
- Accurate rotation positioning system, controlled by frequency drive
- Printheads with high-lift position for quick and easy screen cleaning
- Central control panel with touch screen (10")
- Micro registration screen system with vernier scale
- Individual controls for managing print and flood speed, height, angle of the squeegees and stroke length
- Placement of the flash cure units under the printhead
- Double index printing mode

## OPTIONS

- 4 cylinders squeegee carriage
- Skip function

## ROQ You MAIN HIGHLIGHTS

max. production  
**1050\* pieces/hour**

max. printing area  
**850x1000mm\*\***

suits best for  
**M and XL print sizes**

\* in M size model  
 \*\* Double index printing mode in XL model



## OTHER FEATURES

- Odd even mode
- Avoid pallet function
- Multiprint
- Recipe saving system

# ROQ NEXT

## SMART ENGINEERING

ROQ Next is the newest automatic screen printing machine presented by ROQ. We gave priority to quality, registration, versatility and speed, as we know that these features are the base of an excellent machine. ROQ Next is the answer for the most demanding printers.

ROQ Next	P08 XL	P10 XL	P12 XL	P14 XL	P16 XL	P18 XL	P20 XL
number of colors (max.)	6	8	10	12	14	16	18
number of pallets	8	10	12	14	16	18	20
nr of flash cure connection units (optional)	3	4	5	6	7	8	9
maximum production (pieces/h) *	1200						
compr. air consumption at 7 bar (l/min. / cfm)**	7 / 0.2 + consumption of each printhead						
maximum consumption (kVA) ***	4	4.5	5.5	6	7	7.5	8
machine diameter (mm / feet)	4325 / 14.2'	4650 / 15.3'	5200 / 17.1'	5450 / 17.1'	5900 / 19.4'	6350 / 20.10'	7000 / 22.12'
total height (mm / feet)	2179 / 7.2'	2311 / 7.7'	2339 / 7.8'	2354 / 7.7'	2452 / 8.1'	2483 / 8.2'	2483 / 8.2'
minimum width of the base (mm / feet)	1145 / 3.9'	1632 / 5.4'	1632 / 5.4'	1950 / 6.5'	2050 / 6.9'	2300 / 7.7'	2300 / 7.7'
machine weight (kg / lbs)	1050 / 3.5'	1650 / 3638	1880 / 4145	2400 / 5291	2600 / 5732	3150 / 6945	3650 / 8047

\* one squeegee with flooding for an A4 print size.  
 \*\* consumption of each printhead: 65 l/min / 2.3 cfm in 20 pieces/min.  
 \*\*\* these values exclude the consumption with flash cure. It should be calculated separately taking into account the number and model of the flash cure used in the machine.  
 See flash cure page.  
 - power supply: 230V+N, 2x230V, 3x230V, 3x400V+N in 50Hz or 60Hz.

## MAIN FEATURES

- Aluminum honeycomb pallets
- Squeegee movement with AC frequency drive
- Independent control panel on all printheads
- Choice of pneumatic screen holder: "U" clamp or pin system
- Printheads independent elevation
- AC motor with high resolution encoder controlled by frequency drive for index system
- Printheads with high-lift position for quick and easy screen cleaning
- Central control panel with touch screen (10")
- Micro registration screen system with vernier scale
- Individual controls for managing print and flood speed, height, angle of the squeegees and stroke length
- Placement of the flash cure units under the printhead
- Double index printing mode

## ROQ Next MAIN HIGHLIGHTS

-  max. production **1200\* pieces/hour**
-  max. printing area **850x1000mm\*\***
-  suits best for **XL print sizes**

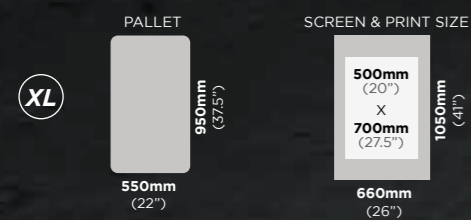
\* for an A4 print size  
 \*\* Double index printing mode in XL model

## OPTIONS

- 4 cylinders squeegee carriage
- Skip function
- Automatic printhead lifting for cleaning access



## PALLETS, SCREEN AND PRINT SIZES



INDEX PRECISION: +/- 0.025mm / 0.001"  
 MAX. FRAME PROFILE/THICKNESS: 50x50mm / 2"x2"

## OTHER FEATURES

- Odd even mode
- Avoid pallet function
- Multiprint
- Recipe saving system

# ROQ ECO

## TECHNOLOGY MADE EASY

The ROQ Eco incorporates ROQ's latest technological innovations, which have been tested and proven by our customers. The innovative Eco has several systems that improve performance by reducing setup times. The independent elevation of the printing heads lead to significant energy savings.

ROQ Eco	P10	P12	P14	P16	P18	P20	P10	P14
number of colors (max.)	8	10	12	14	16	18	8	12
number of pallets	10	12	14	16	18	20	10	14
number of flash cure connection (max.)	4	5	6	7	8	10	4	6
maximum consumption (kVA) ***	5.5	6	7	7.5	8.5	9	5.5	7
compr. air consumption at 7 bar (l/min. /cfm)**	7 / 0.2 + consumption of each printhead							
	<b>L</b>				<b>2XL</b>			
maximum production (pieces/h) *	1400				1100			
machine diameter (mm / feet)	4500 / 14.8'	5050 / 16.6'	5400 / 17.7'	5750 / 18.9'	6250 / 20.5'	6700 / 20.5'	6050 / 19.5'	7200 / 23.6'
total height (mm / feet)	2350 / 7.7'	2370 / 7.8'	2440 / 8'	2510 / 8.2'	2540 / 8.3'	2540 / 8.3'	2435 / 8'	2495 / 8.2'
minimum width of the base (mm / feet)	1670 / 5.5'	1780 / 5.10'	2080 / 7'	2050 / 6.9'	2300 / 7.5'	2350 / 7.9'	2000 / 6.6'	2350 / 7.9'
machine weight (kg / lbs)	1750 / 3858	2000 / 4409	2500 / 5512	2900 / 6363	3400 / 7496	3950 / 8708	2200 / 4850	4000 / 8818
	<b>XL+</b>				<b>3XL</b>			
maximum production (pieces/h) *	1300				1000			
machine diameter (mm / feet)		5650 / 18.5'	6000 / 19.7'	6350 / 20.8'	6850 / 22.5'	7250 / 23.8'	6500 / 21.3'	7600 / 24.9'
total height (mm / feet)		2370 / 7.8'	2440 / 8'	2510 / 8.2'	2540 / 8.3'	2540 / 8.3'	2435 / 8'	2490 / 8.2'
minimum width of the base (mm / feet)		1780 / 5.10'	2080 / 7'	2050 / 6.9'	2300 / 7.5'	2350 / 7.9'	2000 / 6.6'	2350 / 7.9'
machine weight (kg / lbs)		2050 / 4519	2600 / 5732	3000 / 6614	3550 / 7826	4050 / 8929	2400 / 5291	4300 / 9480

\* one squeegee with flooding for a A4 print size.  
 \*\* consumption of each electric printhead: 50 l/min / 1.8 cfm in 15 pieces/min.  
 \*\*\* these values exclude the consumption with flash cure. It should be calculated separately taking into account the number and model of the flash cure used in the machine.  
 - power supply: 3x230V, 3x400V+N - 50Hz or 60Hz.

## PALLETS, SCREEN AND PRINT SIZES

<b>L</b>		<b>XL+</b>		<b>2XL</b>		<b>3XL</b>	
PALLET	SCREEN & PRINT SIZE	PALLET	SCREEN & PRINT SIZE	PALLET	SCREEN & PRINT SIZE	PALLET	SCREEN & PRINT SIZE
500mm (16.7")	450mm (17.7") X 550mm (21.6") 610mm (24")	650mm (25.5")	600mm (24") X 800mm (31.5") 760mm (30")	750mm (30")	700mm (27.5") X 1000mm (39.5") 860mm (34")	850mm (33.5")	800mm (31.5") X 1100mm (43.5") 960mm (38")
800mm (31.5")	900mm (35.4")	1050mm (41")	1150mm (45")	1240mm (49")	1350mm (53")	1450mm (57")	

INDEX PRECISION: +/- 0.025mm / 0.001" · MAX. FRAME PROFILE/THICKNESS: 50x50mm / 2"x2"

## MAIN FEATURES

- Aluminum honeycomb pallets
- Squeegee movement with AC frequency drive
- Independent control panel on all printheads
- Choice of pneumatic screen holder: "U" clamp or pin system
- Printheads independent elevation
- AC motor with high resolution encoder controlled by frequency drive for index system
- Central control panel with polychromatic LCD touch screen (15")
- Micro registration screen system with vernier scale
- Individual controls for managing print and flood speed, height, angle of the squeegees and stroke length
- Placement of the flash cure units under the printhead
- Double index printing mode
- Automatic chain lubrication
- Machine main control on each printheads through HMI panels
- Automatic printhead lifting for cleaning access

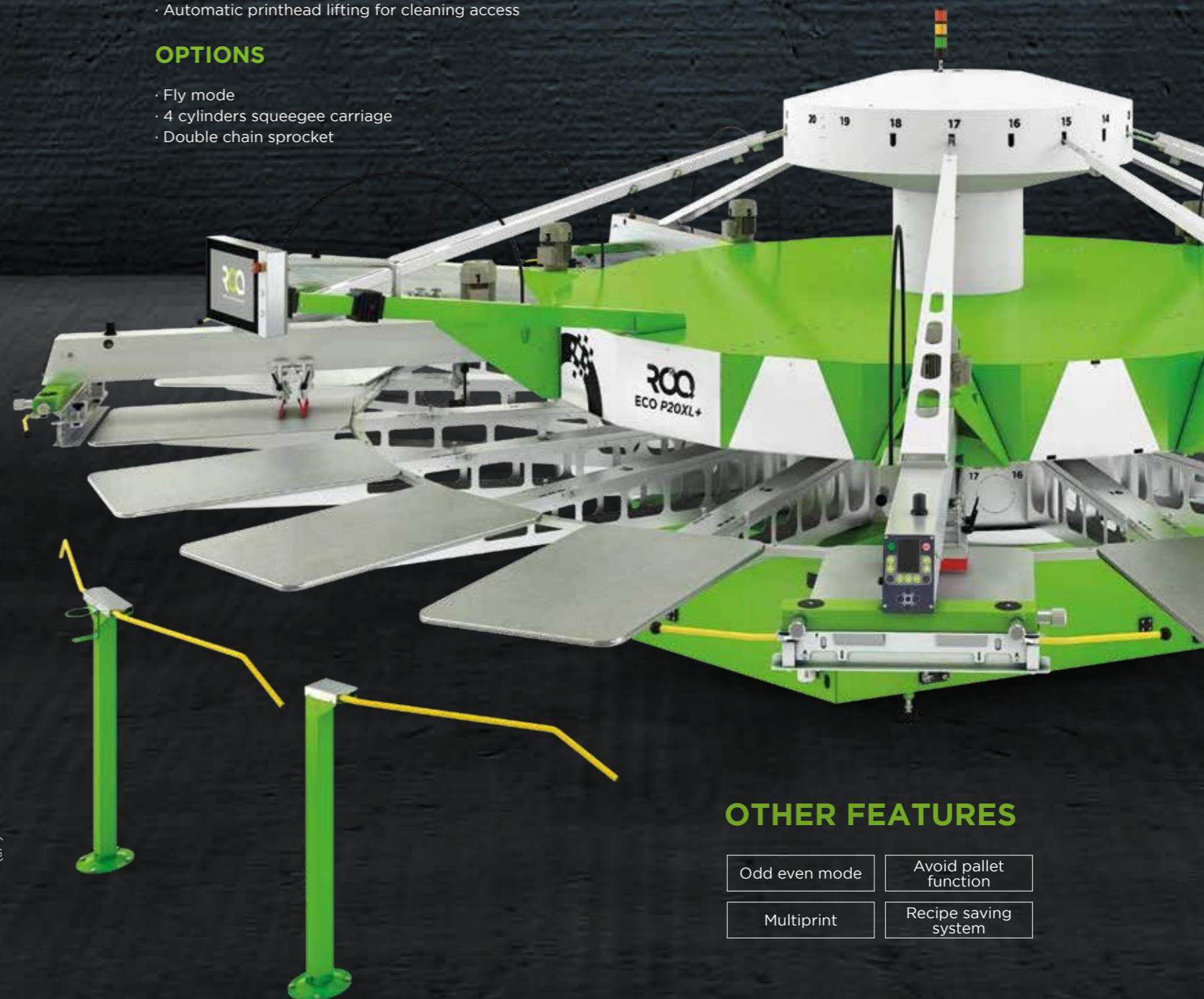
## OPTIONS

- Fly mode
- 4 cylinders squeegee carriage
- Double chain sprocket

## ROQ Eco MAIN HIGHLIGHTS

- max. production **1400\* pieces/hour**
- max. printing area **1000x1100mm\*\***
- suits best for **L, XL+, 2XL and 3XL print sizes**

\* for an A4 print size  
 \*\*Double index printing mode in 3XL model



## OTHER FEATURES

- Odd even mode
- Avoid pallet function
- Multiprint
- Recipe saving system

# ROQ

# OVAL RUN

## SIMPLE & EFFICIENT

ROQ Oval Run is the perfect machine for industrial printing. This new automatic oval screen printing machine is optimized to be highly efficient. There are 38 years of engineering combined into a single oval machine.

ROQ Oval Run		P20	P26	P32	P38	P44	P50	P56	P62
number of colors (max.)		6	8	10	12	14	16	18	20
number of pallets		20	26	32	38	44	50	56	62
number of flash cure connection (max.)		6	8	10	12	14	16	18	20
maximum production (pieces/h) *		750							
compr. air consumption at 7 bar (l/min. /cfm)**		75 / 2.6 + consumption of each printhead							
maximum consumption (kVA) ***		4.5	5.5	6	7	10	10.5	11	12
total length (mm / feet)	XL	9048 / 29.7'	11526 / 97.8'	14005 / 45.9'	16489 / 54.1'	18961 / 62.2'	21440 / 70.9'	23918 / 78.5'	26396 / 86.6'
	XL+	9258 / 30.7'	11736 / 38.5'	14215 / 46.6'	16693 / 54.8'	19171 / 62.9'	21650 / 71'	24128 / 79.2'	26606 / 87.3'
total height (mm / feet)	XL	2050 / 6.7'							
	XL+	2050 / 6.7'							
total width (mm / feet)	XL	3700 / 12.1'							
	XL+	3900 / 12.8'							
machine weight (kg / lbs)	XL	2651 / 5844	3272 / 7213	3906 / 8611	4581 / 9989	5220 / 11508	5844 / 12883	6479 / 1423	7103 / 15659
	XL+	2651 / 5844	3306 / 7288	4004 / 8825	4636 / 10218	5277 / 11634	5911 / 13029	6551 / 14442	7240 / 15959

\* one squeegee with flooding.  
 \*\* consumption of each printhead: 75 l/min / 2.6 cfm in 12.5 pieces/min.  
 \*\*\* these values exclude the consumption with flash cure. It should be calculated separately taking into account the number and model of the flash cure used in the machine. See flash cure page.  
 - power supply: 3x230V, 3x400V+N in 50Hz or 60Hz.

## MAIN FEATURES

- Aluminum honeycomb pallets
- Squeegee movement with AC frequency drive
- Independent control panel on all printheads
- Choice of pneumatic screen holder: "U" clamp or pin system
- Printheads independent elevation
- AC motor with high resolution encoder controlled by frequency drive for index system
- Central control panel with touch screen (10")
- Micro registration screen system with vernier scale
- Individual controls for managing print and flood speed, height, angle of the squeegees and stroke length
- Placement of the flash cure units under the printhead

## ROQ Oval Run MAIN HIGHLIGHTS

-  max. production **750\* pieces/hour**
-  max. printing area **600x800mm**
-  suits best for **XL and XL+ print sizes**

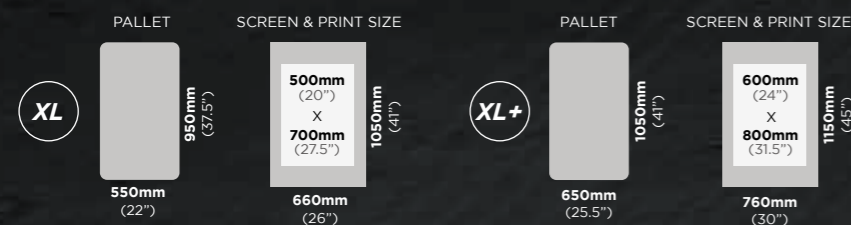
\* for an A4 print size

## OPTIONS

- 4 cylinders squeegee carriage
- 15" touch screen
- Skip function



## PALLETS, SCREEN AND PRINT SIZES



INDEX PRECISION: +/- 0.025mm / 0.001"  
 MAX. FRAME PROFILE/THICKNESS: 50x50mm / 2"x2"

## OTHER FEATURES

- Odd even mode
- Avoid pallet function
- Multiprint
- Recipe saving system

# ROQ

# OVAL PRO

## RELIABLE

19 years ago ROQ decided to create something that didn't exist, an oval press that holds registration with the same precision as a carousel press. Today ROQ is the global leader in oval printing machines building the best oval presses in the market. The Oval Pro features an exceptional robustness, speed, reliability with flawless registration.

ROQ Oval Pro	P16 XL+	P20 XL+	P24 XL+	P32 XL+	P36 XL+	P38 XL+	P44 XL+	P50 XL+	P56 XL+	
number of colors (max.)	10	14	18	24						
number of pallets	16	20	24	32	36	38	44	50	56	
number of flash cure connection (max.)	10	14	18	24						
maximum production (pieces/h) *	900									
compr. air consumption at 7 bar (l/min. /cfm)**	130 / 4.5 + consumption of each printhead									
maximum consumption (kVA) ***	6.5	7.5	9	13.5			13.5			
total length (mm / feet)	short	7765 / 25.5'	9418 / 30.9'	11070 / 36.3'	14374 / 47.2'	16026 / 52.6'	16852 / 55.3'	19331 / 63.4'	21809 / 71.6'	24287 / 79.7'
	long	8788 / 28.8'	10711 / 35.1'	12618 / 41.4'	16430 / 53.9'	18336 / 60.2'	19289 / 63.3'	22149 / 72.7'	25008 / 82'	27867 / 91.4'
total height (mm / feet)	2230 / 7.3'									
total width (mm / feet)	4050 / 13.3'									
machine weight (kg / lbs)	short	2416 / 5326	2927 / 6453	3439 / 7582	4448 / 9806	4956 / 10926	5300 / 11684	6023 / 13278	6875 / 15157	7544 / 16632
	long	2567 / 5659	3118 / 6874	3660 / 8069	4783 / 10545	5326 / 11742	5679 / 12520	6392 / 14092	7288 / 16067	8002 / 17641

\* one squeegee with flooding for an A4 print size.  
 \*\* consumption of each electric printhead: 50 l/min / 1.8 cfm in 15 pieces/min.  
 \*\*\* these values exclude the consumption with flash cure. It should be calculated separately taking into account the number and model of the flash cure used in the machine. See flash cure page.  
 - power supply: 3x230V, 3x400V+N - 50Hz or 60Hz.

## MAIN FEATURES

- Aluminum honeycomb pallets
- Squeegee movement with AC frequency drive
- Independent control panel on all printheads
- Choice of pneumatic screen holder: "U" clamp or pin system
- Printheads independent elevation
- AC motor with high resolution encoder controlled by frequency drive for index system
- Printheads with high-lift position for quick and easy screen cleaning
- Central control panel with touch screen (15")
- Micro registration screen system with vernier scale
- Individual controls for managing print and flood speed, height, angle of the squeegees and stroke length
- Placement of the flash cure units under the printhead
- Double index printing mode
- Double chain sprocket

## OPTIONS

- 4 cylinders squeegee carriage
- Fly mode
- Skip function

## ROQ Oval Pro MAIN HIGHLIGHTS

max. production  
**900\* pieces/hour**

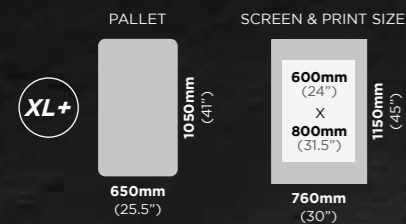
max. printing area  
**800x900\*\*mm**

suits best for  
**XL+ print sizes**

\* for an A4 print size  
 \*\*Double index printing mode



## PALLETS, SCREEN AND PRINT SIZES



INDEX PRECISION: +/- 0.025mm / 0.001"  
 MAX. FRAME PROFILE/THICKNESS: 50x50mm / 2"x2"

## OTHER FEATURES

- Odd even mode
- Avoid pallet function
- Multiprint
- Recipe saving system



# ROQ

# OVAL EVOLUTION

## PERFORMANCE AND VERSATILITY

The Oval Evolution is the flagship press in the ROQ line of automatic screen printing machines. It has impeccable performance at every level. The Oval Evolution is a model that allows for larger printing areas. It presents a reduced maintenance due to its robustness and reliability; a direct result of the innovative engineering and quality materials used to build it. The Oval Evolution can be configured to meet all the unique demands from your customer base and will allow you to achieve your own personal level of excellence.

## OTHER FEATURES

- Odd even mode
- Avoid pallet function
- Multiprint
- Recipe saving system

## PALLETS, SCREEN AND PRINT SIZES



INDEX PRECISION: +/- 0.025mm / 0.001" · MAX. FRAME PROFILE/THICKNESS: 50x50mm / 2"x2"

### ROQ Oval Evolution MAIN HIGHLIGHTS

- max. production **950\* pieces/hour**
- max. printing area **950x1250 mm\*\***
- suits best for **Larger print sizes**

\* for an A4 print size  
\*\* 4XL model



## MAIN FEATURES

- Aluminum honeycomb pallets
- Squeegee movement with AC frequency drive
- Independent control panel on all printheads
- Choice of pneumatic screen holder: "U" clamp or pin system
- Printheads independent elevation
- Central control panel with touch screen (15")
- AC motor with high resolution encoder controlled by frequency drive for index system
- Micro registration screen system with vernier scale
- Double chain sprocket
- Machine main control on each printheads through HMI panels
- Automatic printhead lifting for cleaning access
- Individual controls for managing print and flood speed, height, angle of the squeegees and stroke length
- Placement of the flash cure units under the printhead
- Double index printing mode
- 4 cylinder carriage 3XL and 4XL. Optional in XL+ and 2 XL

ROQ Oval Evolution	P16	P20	P24	P32	P36	P40	P44	P50	P56	
number of colors (max.)	10	14	18	26	30	34	38	44	50	
number of pallets	16	20	24	32	36	40	44	50	56	
number of flash cure connection (max.)	10	14	18	26	30	34	38	44	50	
maximum production (pieces/h) *	XL+: 950   2XL: 900   3XL: 850   4XL: 800									
compr. air consumption at 7 bar (l/min. /cfm)**	130 / 4.5 + consumption of each printhead									
maximum consumption (kVA) ***	XL+   2XL									
	6.5	8	9.5	14.5	16	17.5	19	21.5	25.5	
total length (mm / feet)	3XL   4XL									
	6.5	8	11.5	14.5	16					
total length (mm / feet)	XL+									
	short	7763 / 25.5'	9415 / 30.9'	11067 / 36.3'	14371 / 47.1'	16024 / 52.6'	17676 / 58'	19328 / 63.4'	21806 / 71.5'	24285 / 79.7'
long	8807 / 28.9'	10713 / 35.1'	12619 / 41.4'	16432 / 53.9'	18338 / 60.2'	20244 / 66.4'	22150 / 72.7'	25010 / 82.1'	27869 / 91.4'	
total height (mm / feet)	2235 / 7.3'									
total width (mm / feet)	4050 / 13.3'									
machine weight (kg / lbs)	short	2824 / 6226	3592 / 7919	4327 / 9539	5745 / 12666	6481 / 14288	7244 / 15970	7954 / 17536	9045 / 19941	10107 / 22282
	long	2958 / 6521	3730 / 8223	4495 / 9910	6026 / 13285	6791 / 14972	7529 / 16599	8266 / 18223	9590 / 21142	10506 / 23162
total length (mm / feet)	2XL									
	short	9053 / 29.7'	10969 / 36'	12875 / 42.2'	16687 / 54.7'	18594 / 61'	20500 / 67.3'	22406 / 73.5'	25265 / 82.9'	28124 / 92.3'
long	10713 / 35.1'	13153 / 43.2'	15594 / 51.2'	20474 / 67.2'	22914 / 75.2'	25354 / 83.2'	27795 / 91.2'	31455 / 103.2'	35115 / 115.2'	
total height (mm / feet)	Short - 2235 / 7.3' / Long - 2310 / 7.6'									
total width (mm / feet)	4350 / 14.28'									
machine weight (kg / lbs)	short	3061 / 6748	3859 / 8508	4649 / 10249	6229 / 13733	7019 / 15474	7782 / 17156	8545 / 18838	9717 / 21422	10860 / 23942
	long	3592 / 7919	4540 / 10009	5483 / 12088	7406 / 16327	8349 / 18406	9245 / 20382	10151 / 22379	11551 / 25466	12942 / 28532
total length (mm / feet)	3XL									
	10923 / 35.8'	13364 / 43.8'	15804 / 51.9'	20684 / 67.8'	23124 / 75.9'	25565 / 83.9'	28005 / 91.9'	31665 / 103.9'	35325 / 115.9'	
total height (mm / feet)	2310 / 7.6'									
total width (mm / feet)	4350 / 14.3'									
machine weight (kg / lbs)	3688 / 8131	4667 / 10289	5640 / 12434	7625 / 16810	8553 / 18856	9526 / 21001	10463 / 230667	11910 / 26257	13412 / 29568	
total length (mm / feet)	4XL									
	12513 / 41.1'	15309 / 50.2'	18105 / 59.4'	23697 / 77.7'	26494 / 86.9'	29290 / 96.1'	32086 / 105.3'	36280 / 119'	40475 / 132.8'	
total height (mm / feet)	2350 / 7.71'									
total width (mm / feet)	4850 / 15.9'									
machine weight (kg / lbs)	3923 / 8649	4951 / 10915	6015 / 13261	8037 / 17719	9064 / 19983	10058 / 22174	11086 / 24440	12616 / 27814	14171 / 31242	

\* one squeegee with flooding for an A4 print size.  
 \*\* consumption of each electric printhead: 50 l/min / 1.8 cfm in 15 pieces/min.  
 \*\*\* these values exclude the consumption with flash cure. It should be calculated separately taking into account the number and model of the flash cure used in the machine. See flash cure page.  
 - power supply: 3x230V, 3x400V+N - 50Hz or 60Hz.

FEATURES	YOU	NEXT	ECO
aluminum honeycomb pallets	●	●	●
control panel support	ARTICULATED	ARTICULATED	ARTICULATED
squeegee movement with AC frequency drive	●	●	●
double index printing mode	●	●	●
micro registration screen system with vernier scale	●	●	●
AC motor with high resolution encoder controlled by frequency drive for index system	●	●	●
independent control panel on all printheads	●	●	●
printheads independent elevation	●	●	●
automatic printhead lifting for cleaning access	●	●	●
configurable printheads position	●	●	●
printhead with digital keyboard	●	●	●
digital micro registration	●	●	●
number of strokes and coatings, selectable on the printhead panel	●	●	●
go to position	●	●	●
fly mode (optimized software for double rack)	●	●	●
lasers	●	●	●
flash cure connections	●	●	●
compatible with ROQ Flock and ROQ Foil	●	●	●
ROQ Flock and ROQ Foil under the printheads	●	●	●
ROQ Dry under the printheads	●	●	●
automatic lubrication	●	●	●

**YOU**

max. production **1050\* pieces/hour**  
 max. printing area **850x1000 mm**  
 suits best for **M and XL print sizes**  
 LCD touch screen **7" or 10"**

**NEXT**

max. production **1200 pieces/hour**  
 max. printing area **850x1000 mm**  
 suits best for **XL print sizes**  
 LCD touch screen **10"**

**ECO**

max. production **1400 pieces/hour**  
 max. printing area **1000x1100 mm**  
 suits best for **L, XL, XL+, 2XL and 3XL print sizes**  
 LCD touch screen **15"**

\* Only in the P08M P10M P12XL P14XL  
 \*\* Only in the P16XL P18XL P20XL P22XL

# ROQ SAHARA

TAILORED TO FIT



**MAIN FEATURES**

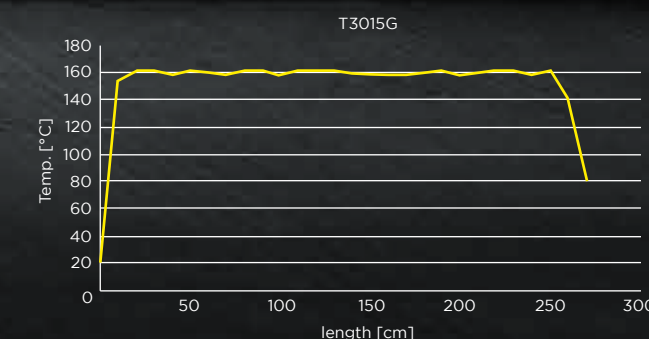
- Thermal insulation of high density rockwool panels
- Axial flow fan for hot-air circulation with adjustable speed and air purification filter
- Antistatic and high tensile strength PTFE coated mesh conveyor belt
- Bidirectional conveyor with adjustable speed
- Touch screen control panel for easy operation, with recipe management;
- Heated by gas (G), electricity (E) or both (GE)
- Continuous monitoring and temperature control
- Temperature range from 90 to 200 °C

**OPTIONS**

- Two bidirectional conveyors, independently controlled (2B)
- Customized infeed/outfeed length
- Heated by gas with heat exchanger (GP)

\* standard length 1500mm, other configurations under request.

HEAT DISTRIBUTION INSIDE A ROQ SAHARA



FEATURES	RUN	PRO	EVO
aluminum honeycomb pallets	●	●	●
control panel support	FIXED	ARTICULATED	ARTICULATED
squeegee movement with AC frequency drive	●	●	●
double index printing mode	●	●	●
micro registration screen system with vernier scale	●	●	●
AC motor with high resolution encoder controlled by frequency drive for index system	●	●	●
independent control panel on all printheads	●	●	●
printheads independent elevation	●	●	●
automatic printhead lifting for cleaning access	●	●	●
configurable printheads position	●	●	●
printhead with digital keyboard	●	●	●
digital micro registration	●	●	●
number of strokes and coatings, selectable on the printhead panel	●	●	●
go to position	●	●	●
fly mode (optimized software for double rack)	OPTIONAL	●	●
lasers	OPTIONAL	●	●
flash cure connections	OPTIONAL	●	●
compatible with ROQ Flock and ROQ Foil	●	●	●
ROQ Flock and ROQ Foil under the printheads	●	●	●
ROQ Dry under the printheads	●	●	●

**RUN**

max. production **750 pieces/hour**  
 max. printing area **600x800 mm**  
 suits best for **XL, XL+ sizes**  
 LCD touch screen **10"**

**PRO**

max. production **900 pieces/hour**  
 max. printing area **800x900 mm**  
 suits best for **XL+ sizes**  
 LCD touch screen **15"**

**EVO**

max. production **950 pieces/hour**  
 max. printing area **950x1250 mm**  
 suits best for **XL, 2XL, 3XL and 4XL print sizes**  
 LCD touch screen **15"**

ROQ Sahara	T3009E / G	T3011E / G	T4511E / G	T3015E / G	T4515E / G	T6015E / G	T7515E / G	T9015E / G	T3018E / G	T4518E / G	T6018E / G	T7518E / G	T9018E / G
drying area (mm / inch)	2700x900 / 106"x35"	2700x1100 / 106"x35"	4300x1100 / 169"x43"	2700x1500 / 106"x59"	4300x1500 / 169"x59"	5600x1500 / 220"x59"	7200x1500 / 283"x59"	8800x1500 / 346"x59"	2700x1800 / 106"x71"	4300x1800 / 169"x71"	5600x1800 / 220"x71"	7200x1800 / 283"x71"	8800x1800 / 346"x71"
heat power elect./gas (kW)	22.5 / 52	22.5/52	31 / 52	31.5 / 70	36 / 70	63 / 140	68 / 140	72 / 140	36 / 70	36 / 70	72 / 140	72 / 140	72 / 140
gas LPG consumption min/max. (Nm <sup>3</sup> /h   BTU)	0.6 - 2   50000 - 166000			1.2 - 4   100000 - 332000			0.6 - 2   50000 - 166000			1.2 - 4   100000 - 332000			
natural gas cons. min/max. (Nm <sup>3</sup> /h   BTU)	1.5 - 4.8   50000 - 166000			3 - 9.6   100000 - 332000			1.5 - 4.8   50000 - 166000			3 - 9.6   100000 - 332000			
gas pressure natural gas/LPG (mbar)	25 / 37	25 / 37	25 / 37	25 / 37	25 / 37	25 / 37	25 / 37	25 / 37	25 / 37	25 / 37	25 / 37	25 / 37	25 / 37
plant power elect./gas (kVA)	24.5 / 2	24.5 / 2	33 / 2	35 / 4	40 / 4	68 / 5	72 / 5	77 / 5	40 / 4	40 / 4	77 / 5	77 / 5	77 / 5
module length (mm / feet)	2900 / 9.5'	2900 / 9.5'	4500 / 14.8'	2900 / 9.5'	4500 / 14.8'	2900+2900 / 9.5'+9.5'	4500+2900 / 14.8'+9.5'	4500+4500 / 14.8'+14.8'	2900 / 9.5'	4500 / 14.8'	2900+2900 / 9.5'+9.5'	4500+2900 / 14.8'+9.5'	4500+4500 / 14.8'+14.8'
length's entry/exit openings (mm / feet)	1000 / 3.28'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'
total height (mm / feet)	1670 / 5.48'	1726 / 5.66'	1726 / 5.66'	1726 / 5.66'	1726 / 5.66'	1726 / 5.66'	1726 / 5.66'	1726 / 5.66'	1726 / 5.66'	1726 / 5.66'	1726 / 5.66'	1726 / 5.66'	1726 / 5.66'
total width (mm / feet)	1400 / 4.59'	1550 / 5.08'	1550 / 5.08'	2050 / 6.70'	2050 / 6.70'	2050 / 6.70'	2050 / 6.70'	2050 / 6.70'	2350 / 7.70'	2350 / 7.70'	2350 / 7.70'	2350 / 7.70'	2350 / 7.70'
belt's width (mm / feet)	900 / 2.95'	1100 / 3.61'	1100 / 3.61'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1500 / 4.92'	1800 / 5.9' - 2x850 / 2.78'	1800 / 5.9' - 2x850 / 2.78'	1800 / 5.9' - 2x850 / 2.78'	1800 / 5.9' - 2x850 / 2.78'	1800 / 5.9' - 2x850 / 2.78'

# ROQ DRY

The cure units developed by ROQ work in sync with any ROQ automatic screen printing machines. They present different technological levels and settings so that they can respond to any work.

ROQ Dry Moby	20250 4XL
drying area (mm / inch)	1020 x 380 / 40" x 15" + travel*
power supply (VAC)	(1) (2)
max. consumption (kVA)	20.25
power/area (W/cm)	5.23
plug (min. recommended)	63A (3x230V) 32A (3x400V)
total length (mm / feet)	1685 / 5.53'
total height (mm / feet)	1400 / 4.6'
total width (mm / feet)	1125 / 3.7'

\* travel: 1100mm / 43"  
(1) 230 VAC | (2) 2x230 VAC



## ROQ Dry Moby

- Digital control panel that regulates time, temperature and drying area
- Heat transmission by convection and radiation
- Suitable for larger drying areas

ROQ Dry Run	3000 S	9000 M	14400 XL	18000 XL+	20400 2XL	25500 3XL	25500 4XL
drying area (mm / inch)	200x200 / 7.9"x7.9"	400x500 / 16"x20"	500x700 / 20"x28"	600x800 / 24"x31"	700x1000 / 28"x39"	800x1100 / 31"x43"	900x1100 / 35"x43"
power supply (VAC)	(1) (2) (3) (4)				(3) (4)		
max. consumption (kVA)	3	9	14.4	18	20.4	25.5	25.5
power/area (W/cm)	7.5	4.50	4.11	3.75	2.91	2.90	2.58
lamps	6 x 500	9 x 1000W	12 x 1200W	15 x 1200W	24 x 850W	30 x 850W	30 x 850W
plug (min. recommended)	(1) (2) (3) (4) - 32A	(1) (2) - 63A (3) (4) - 32A	(1) (2) (3) - 63A (4) - 32A	(1) (2) - 125A (3) - 63A (4) - 32A	(3) - 63A (4) - 32A	(3) - 125A (4) - 63A	
total length (mm / feet)	815 / 2.67'	920 / 3'	1140 / 3.74'	1240 / 4.06'	1520 / 4.97'	1630 / 5.35'	1630 / 5.35'
total height (mm / feet)	1220 / 4'						
total width (mm / feet)	625 / 2.05'	625 / 2.05'	625 / 2.05'	715 / 2.35'	835 / 2.74'	935 / 3.07'	1020 / 3.35'

(1) 230 VAC | (2) 2x230 VAC | (3) 3x230 VAC | (4) 4x230 VAC

ROQ Dry Evolution	12100 L	14400 XL	18000 XL+	20400 2XL	25500 3XL	25500 4XL
drying area (mm / inch)	450x550 / 17"x21"	500x700 / 20"x28"	600x800 / 24"x31"	700x1000 / 28"x39"	800x1100 / 31"x43"	900x1100 / 35"x43"
power supply (VAC)	(1) (2) (3) (4)			(3) (4)		
max. consumption (kVA)	12.1	14.4	18	20.4	25.5	25.5
power/area (W/cm)	4.3	4.11	3.7	2.91	2.89	2.58
lamps	11 x 1100W	12 x 1200W	15 x 1200W	24 x 850W	30 x 850W	30 x 850W
plug (min. recommended)	(1) (2) - 63A (3) (4) - 32A		(1) (2) - 125A (3) - 63A (4) - 32A	(3) - 63A (4) - 32A	(3) - 125A (4) - 63A	
total length (mm / feet)	1070 / 3.51'	1140 / 3.74'	1180 / 3.87'	1530 / 5.02'	1590 / 5.22'	1590 / 5.22'
total height (mm / feet)	1280 / 4.20'					
total width (mm / feet)	625 / 2.05'	625 / 2.05'	715 / 2.35'	835 / 2.74'	935 / 3.07'	1020 / 3.35'

(1) 230 VAC | (2) 2x230 VAC | (3) 3x230 VAC | (4) 4x230 VAC



## ROQ Dry Run

- Construction optimized for performance
- Heat transmission by convection and radiation



## ROQ Dry Evolution

- Digital control panel that regulates time, temperature and drying area
- Heat transmission by convection and radiation
- The curing unit rotates 90° making this model extremely versatile

Optional: Temperature probe (Smart), Turbo

# ACCESSORIES

ROQ Foil	3550
drawing width (mm / inch)	350x500 / 17"x24"
compr. air consumption at 7 bar (l/min. /cfm)	95 / 3.4
power supply (VAC)	230V+N, 2x230V
maximum temperature (°C)	200
max. consumption (kVA)	2.5
total length (mm / feet)	1450 / 4.75'
total height (mm / feet)	1400 / 4.6'
total width (mm / feet)	760 / 2.5'

ROQ Iron	M	XL
iron (mm / inch)	400 / 16"	600 / 24"
max. consumption (kVA)	2.2	3
course (mm / inch)	550 / 21"	850 / 33"
screen (mm / inch)	900x563 / 36"x22"	1200x763 / 47"x30"
temperature (°C)	200	200
power supply (VAC)	230V+N, 2x230V	

ROQ Flock	4060	4595	6085
flock type (recommended)	polyamide		
flock's length (mm) - thickness (inch)	0.5 - 1.5 (3.3 dtex)		
high tension power supply (kV)	10-80		
flocking area (mm / inch)	400x600 / 16"x24"	450x950 / 18"x37"	600x850 / 24"x33"
maximum frame size (mm / inch)	604x988 / 24"x39"	654x1338 / 26"x53"	804x1238 / 32"x49"
rec. frame profile (mm / inch)	40x20 / 1.6"x0.8"	40x20 / 1.6"x0.8"	40x20 / 1.6"x0.8"
total length (mm / feet)	1300 / 4.25'	1350 / 5.4'	1550 / 5.1'
total height (mm / feet)	1230 / 4'	1230 / 4'	1230 / 4'
total width (mm / feet)	760 / 2.5'	810 / 2.6'	920 / 3'
power supply (VAC)	230V+N, 2x230V		
max. consumption (kVA)	0.2		

ROQ Storm	785
length (mm / inch)	2200 / 86.6"
height (mm / inch)	2975 / 117"
width (mm / inch)	850 / 33.5"
suction max. width (mm / inch)	785 / 30.9"
max. length of the piece of aspiration (mm / inch)	900 / 35.4"
electrical consumption (kVA)	3
power supply (VAC)	230V+N, 2x230V



## ROQ Asp

- ROQ Asp is designed to vacuum excess flock after the flocking process.
- This accessory is mounted on a printhead and is fully compatible with the ROQ automatic screen printing machines
- Available in two widths: 620 mm/24" and 470 mm/18"

## ROQ Foil

- Compatible with ROQ You, Next, Eco, Oval Run, Oval Pro and Oval Evolution
- Fully automatic foil application
- No human intervention in the process
- Maximum production of 450 pieces per hour

## ROQ Iron

- Compatible with any ROQ automatic screen printing machine
- Powered using the machine power connections
- Temperature control
- Max temperature 200 °C
- Speed/pressure regulated by the printhead
- Press with 400 mm/15.7" and 600 mm/23.6" width

## ROQ Flock

- Compatible with ROQ You, Next, Eco, Oval Pro, Oval Run and Oval Evolution
- Closed system leading to minimum color contamination
- 80kV electrostatic generator
- Micro registration screen system with vernier scale
- Maximum production of 600 pieces per hour

## ROQ Storm

- ROQ Storm is an independent module created to vacuum/clean fabric, either from flock or other impurities the fabric might have
- Fabric pieces up to 787mm/27.56" wide and 900mm/35.43" long