

SCREEN PRINTING MACHINES AND ACCESSORIES

ROQ
YOUR PARTNER IN PRINT

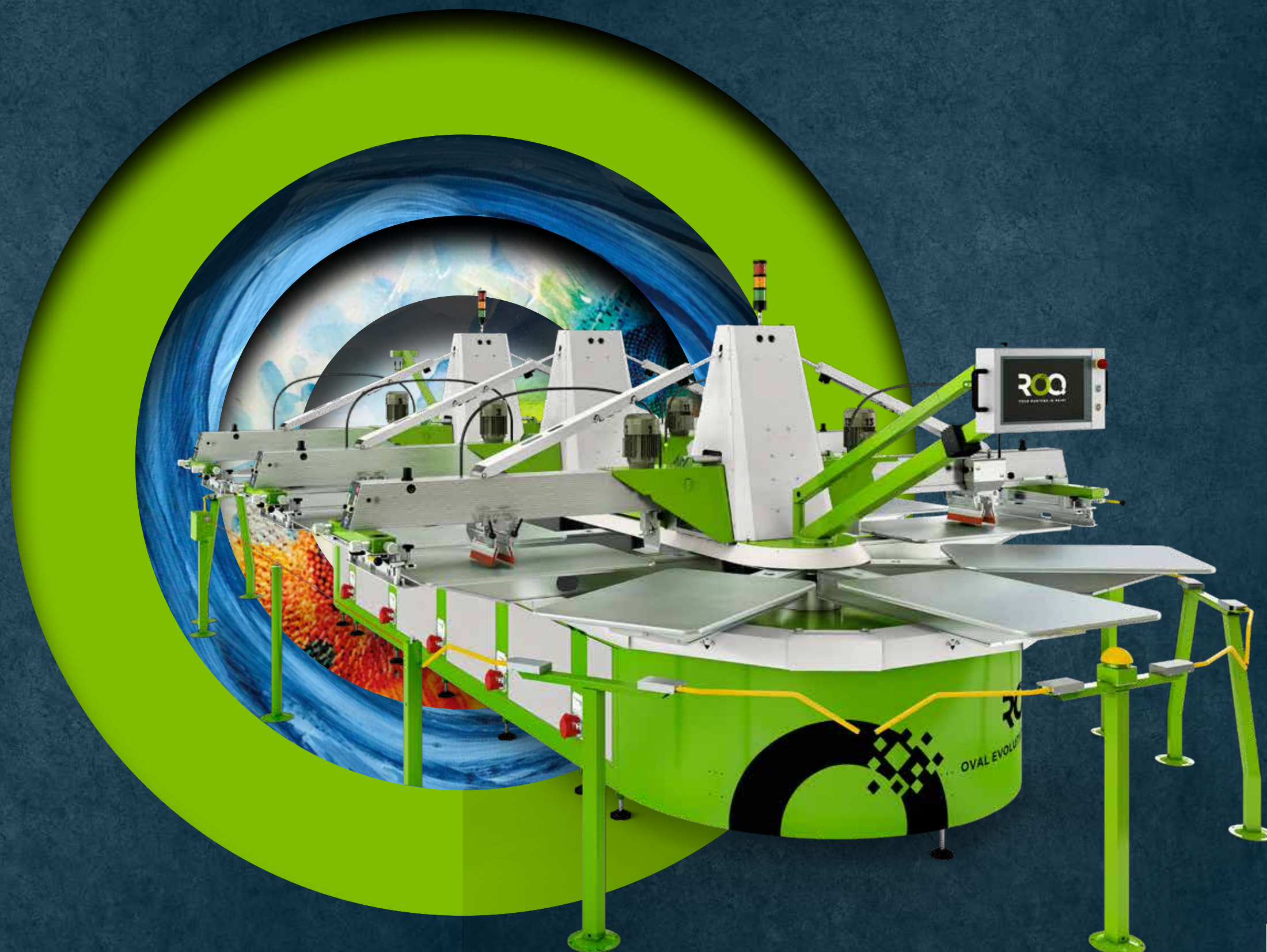
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Present in over 60 countries,
ROQ provides a complete set of industrial
screen printing equipment.

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.



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

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"

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.

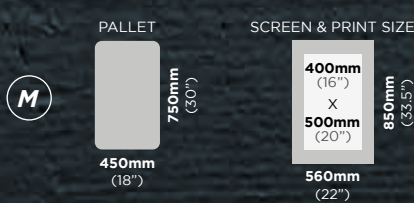


ROQ Fit MAIN HIGHLIGHTS

- 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

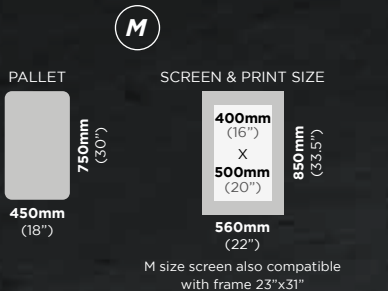
POWERHOUSE

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



ROQ NEXT

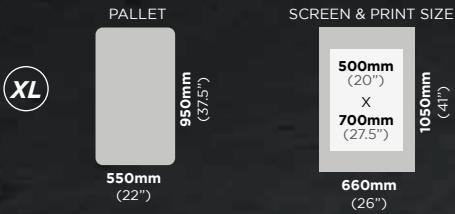
SMART ENGINEERING

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 / 17.11'	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.

PALLETS, SCREEN AND PRINT SIZES



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

PRINTING MODES

- Odd even mode
- Annul pallet
- Multiprint
- Recipes

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

OPTIONS

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

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



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							
	L						2XL	
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
	XL+						3XL	
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.
See flash cure page.
- power supply: 3x230V, 3x400V+N - 50Hz or 60Hz.

PALLETS, SCREEN AND PRINT SIZES

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

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

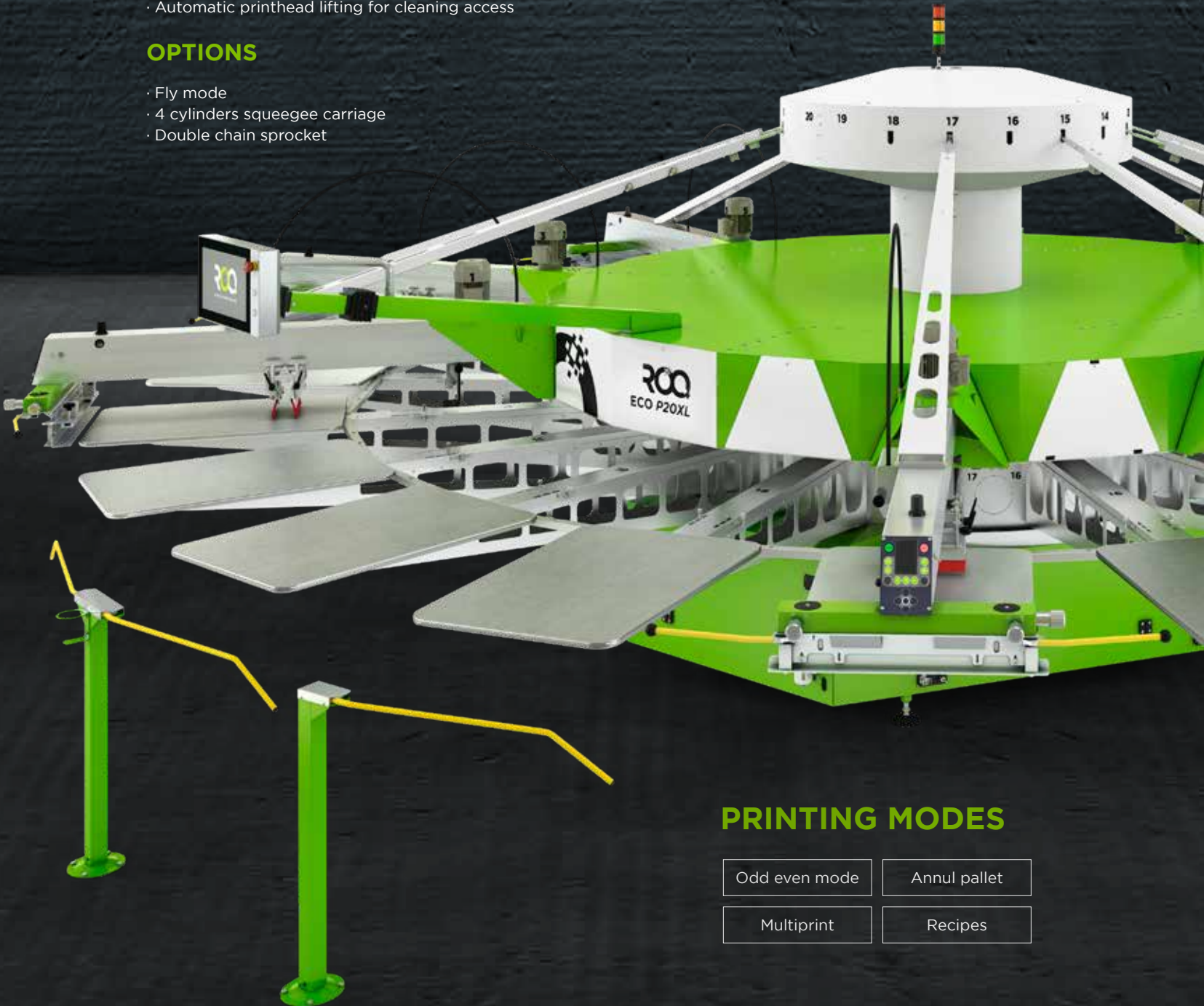
ROQ Eco MAIN HIGHLIGHTS

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



PRINTING MODES

- Odd even mode
- Annul pallet
- Multiprint
- Recipes

ROQ OVAL RUN

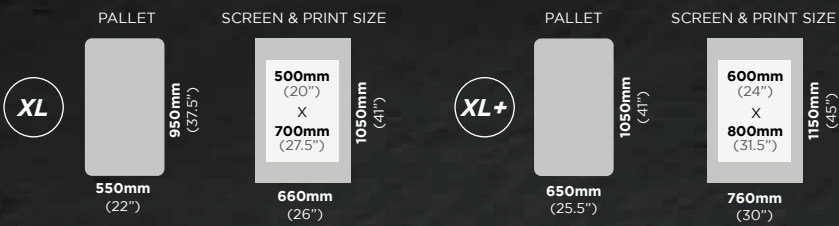
SIMPLE & EFFICIENT

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.

PALLETS, SCREEN AND PRINT SIZES



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

PRINTING MODES

- Odd even mode
- Annul pallet
- Multiprint
- Recipes

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



ROQ OVAL PRO

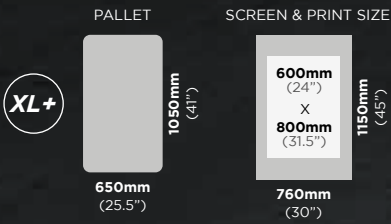
RELIABLE

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.

PALLETS, SCREEN AND PRINT SIZES



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

PRINTING MODES

- Odd even mode
- Annul pallet
- Multiprint
- Recipes

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



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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.

PRINTING MODES

Odd even mode	Annul pallet
Multiprint	Recipes

PALLETS, SCREEN AND PRINT SIZES

XL+

PALLET

1050mm
(41")

650mm
(25.5")

SCREEN & PRINT SIZE

600mm
(24")
X
800mm
(31.5")

1150mm
(45")

760mm
(30")

2XL

PALLET

1240mm
(49")

750mm
(30")

SCREEN & PRINT SIZE

700mm
(27.5")
X
1000mm
(39.5")

1350mm
(53")

860mm
(34")

3XL

PALLET

1350mm
(53")

850mm
(33.5")

SCREEN & PRINT SIZE

800mm
(31.5")
X
1100mm
(43.5")

1450mm
(57")

960mm
(38")

4XL

PALLET

1600mm
(63")

1000mm
(39.5")

SCREEN & PRINT SIZE

950mm
(37.5")
X
1250mm
(49.5")

1600mm
(63")

1110mm
(43.5")

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
	3XL 4XL								
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'
total height (mm / feet)	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'
total width (mm / feet)									
2235 / 7.3'									
4050 / 13.3'									
machine weight (kg / lbs)	short	2824 / 6226	3592 / 7919	4327 / 9539	5745 / 12666	6481 / 14288	7244 / 15970	7954 / 17536	9045 / 19941
	long	2958 / 6521	3730 / 8223	4495 / 9910	6026 / 13285	6791 / 14972	7529 / 16599	8266 / 18223	9590 / 21142
2XL									
total length (mm / feet)	short	9053 / 29.7'	10969 / 36'	12875 / 42.2'	16687 / 54.7'	18594 / 61'	20500 / 67.3'	22406 / 73.5'	25265 / 82.9'
	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'
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
	long	3592 / 7919	4540 / 10009	5483 / 12088	7406 / 16327	8349 / 18406	9245 / 20382	10151 / 22379	11551 / 25466
3XL									
total length (mm / feet)									
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									
4XL									
total length (mm / feet)									
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.

14

15

16

COMPARATIVE TABLES

YOU VS NEXT VS ECO

FEATURES	YOU	NEXT	ECO
aluminum honeycomb pallets	●	●	●
squeegee movement with AC frequency drive	●	●	●
independent control panel on all printheads	●	●	●
Flock and Foil	●	●	●
vernier registration	●	●	●
heads individual lifting	●	●	●
flock and foil bellow the head	●	●	●
AC motor with high resolution encoder controlled by frequency drive for index system	●	●	●
go to position	●	●	●
continuous double index	●	●	●
automatic printhead lifting for cleaning	●	●	●
digital keyboard	●	●	●
digital registration	●	●	●
number of strokes and coatings; selectable on the head panel	●	●	●
automatic lubrication	●	●	●
motorized frames supports	●	●	OPTIONAL
fly mode (optimized software for double rack)	●	●	OPTIONAL

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

RUN VS PRO VS EVO

FEATURES	RUN	PRO	EVO
security	BAR ATTACHED TO THE MACHINE	ARTICULATED SAFETY BARS	ARTICULATED SAFETY BARS
console support	FIXED	ARTICULATED	ARTICULATED
double index	●	●	●
micro registration screen system with vernier scale	●	●	●
AC motor with high resolution encoder controlled by frequency drive for index system	●	●	●
squeegee movement with AC frequency drive	●	●	●
compatible with ROQ Flock and Foil	●	●	●
allows modules to be installed under the printheads	●	●	●
flash cure connections	OPTIONAL	●	●
lasers	OPTIONAL	●	●
printhead placement configurable	●	●	●
automatic printhead elevation for cleaning	●	●	●
digital printhead panel	●	●	●
digital screen registration	●	●	●

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
TUNNEL

TAILORED TO FIT



ROQ Tunnel	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	22.5x52	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. (Nm³/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. (Nm³/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'

MAIN FEATURES

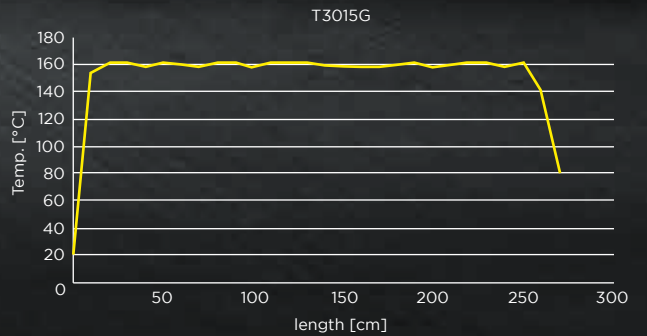
- Thermal insulation of high density rockwool panels
- Axial flow fan for hot-air circulation with adjustable speed and air purification filter
- Antistatic and high tensile strength PTFE coated mesh conveyor belt
- Bidirectional conveyor with adjustable speed
- Touch screen control panel for easy operation, 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 ROQTUNNEL



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, Turbo

ROQ

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	3550
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



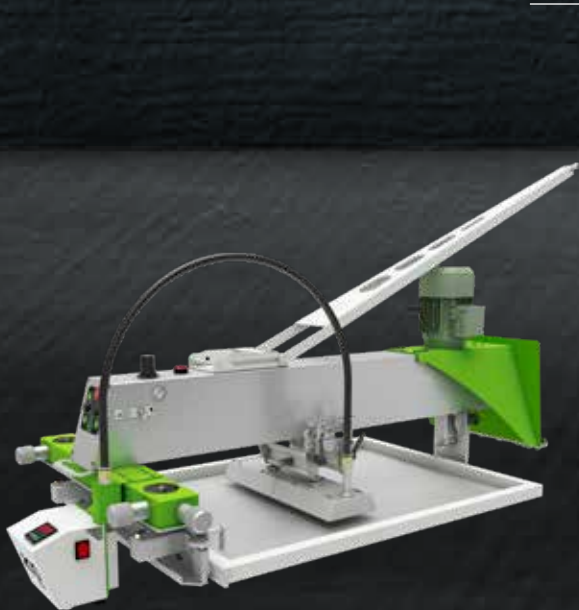
ROQ Asp

- 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

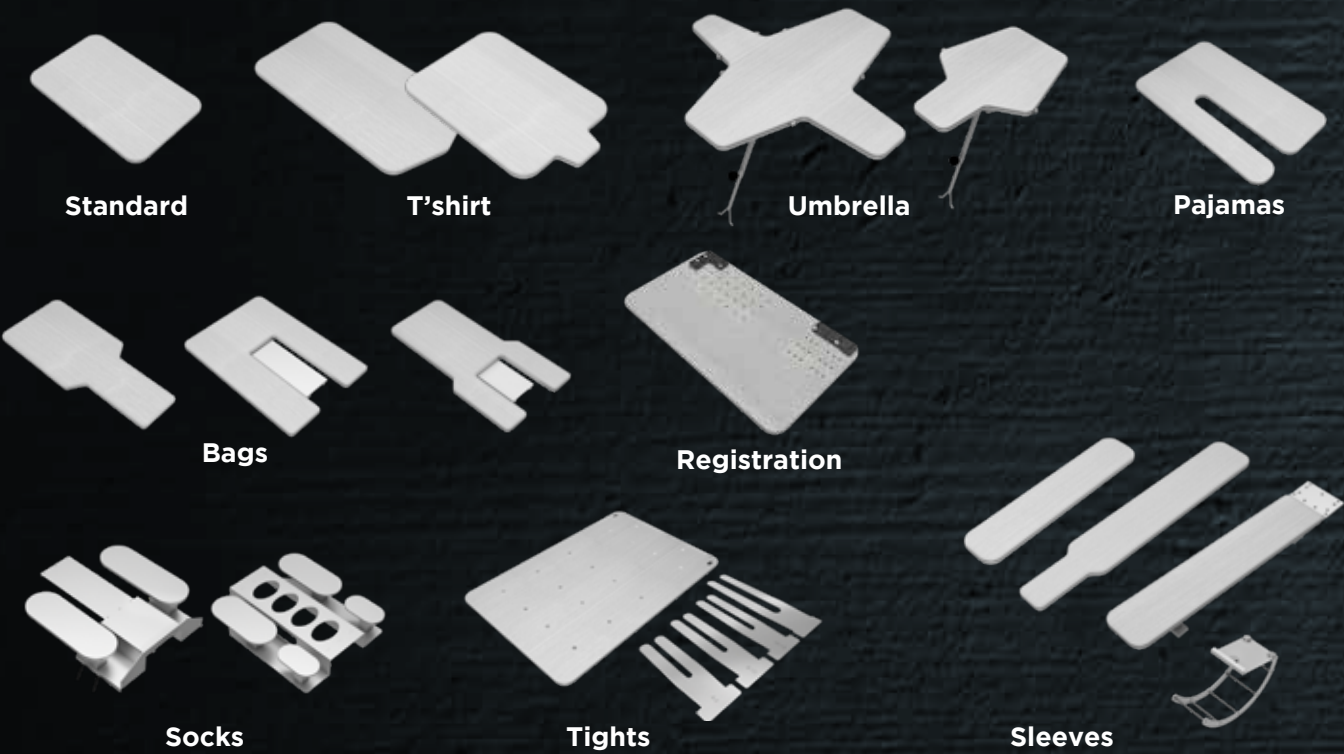


ROQ Storm

- 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

PALLETS

At ROQ we make customized pallets according to the compatibility of the machine.
Contact us!



ROQ CTS

2 SIZES: XL & 4XL

HOW CAN ROQ CTS
HELP YOUR BUSINESS?

Save time and money by using ROQ CTS
instead of using tradicional film

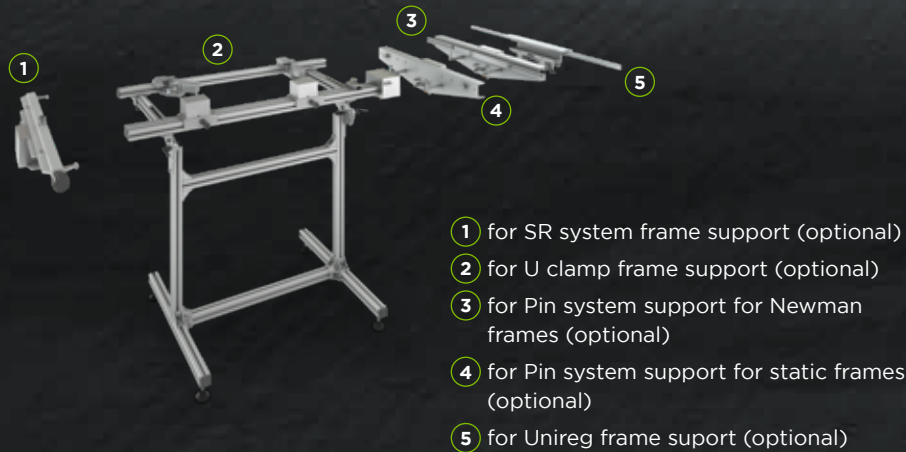
ROQ CTS	XL	4XL
maximum measure of the screen - mm / inch	660x1050 / 25.9"x41.3"	1100x1600 / 43.3"x63"
maximum print area - mm / inch	500x700 / 19.7"x27.6"	950x1250 / 37.4"x49.2"
maximum print resolution - dpi	1270x2400	
printhead resolution - dpi	600	
RIP	Filmaker v10 plus	
printhead	Ricoh Gen 5	
productivity (screen*/per hour)	20	
compressed air consumption - l/hour	20	
maximum consumption - kVA	2.5	
lenght - mm / inch	1950 / 76.8"	2570 / 101.1"
height - mm / inch	1446 / 57"	1446 / 57"
width - mm / inch	1289 / 50.7"	1728.5 / 68"
weight - kg / lbs	400 / 882	550 / 1213
power supply (VAC)	230V+N, 2x230V	

*1270x1200dpi, for an A4 print size

PRU Positive Registration Unit

This innovative system was developed to allow a quick pre-registration of the film positives in the screen, reducing set-up times.

Compatible with conventional and retensionable screens of various dimensions.
Film placement can be adjusted using LED positioning lights.



PRU	L	4XL
width - mm (inch)	800 (31.5")	1140 (44.5")
length - mm (inch)	900 (35.5")	1600 (63")
power supply (VAC)	230V+N, 2x230V	
max. consumption (kVA)	0.02	



AT THE HEART OF PRINTING TECH

