

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.
 - 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
500mm (16.7")	800mm (31.5") X 550mm (21.6") 900mm (35.4") 610mm (24")	650mm (25.5")	1050mm (41") 600mm (24") X 800mm (31.5") 1150mm (45") 760mm (30")	750mm (30")	1240mm (49") 700mm (27.5") X 1000mm (39.5") 1350mm (53") 860mm (34")	850mm (33.5")	1350mm (53") 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

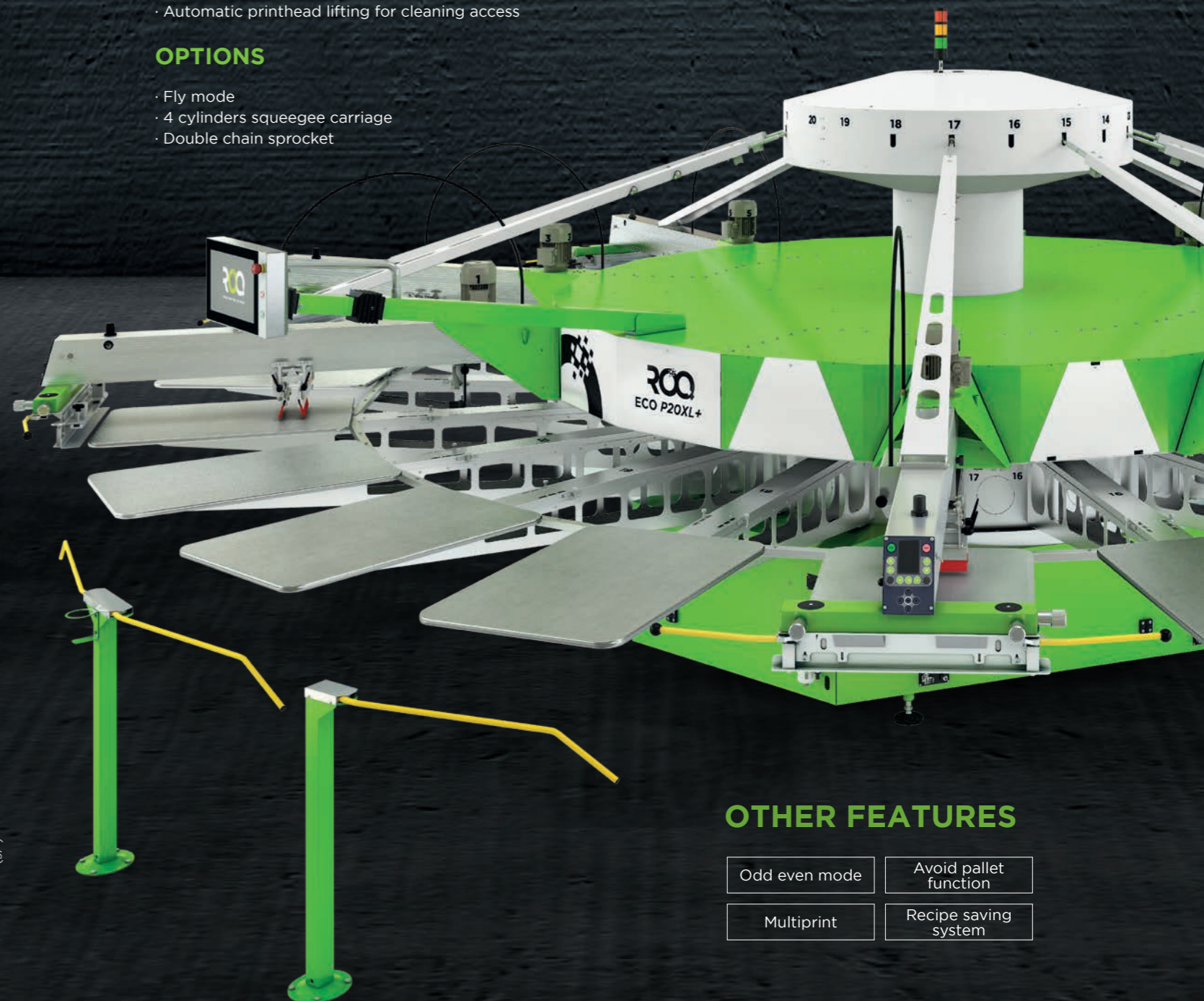
OPTIONS

- 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



OTHER FEATURES

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