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.

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

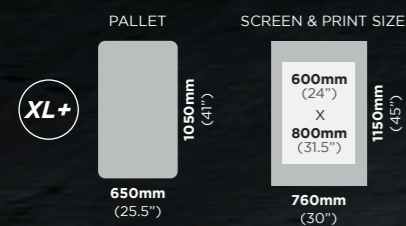· 4 cylinders squeegee carriage
· Fly mode
· Skip function

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

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

PALLET

1050mm (41")
650mm (25.5")
XL+

SCREEN & PRINT SIZE

600mm (24") X 800mm (31.5")
1150mm (45")
760mm (30")

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

OVAL PRO P16