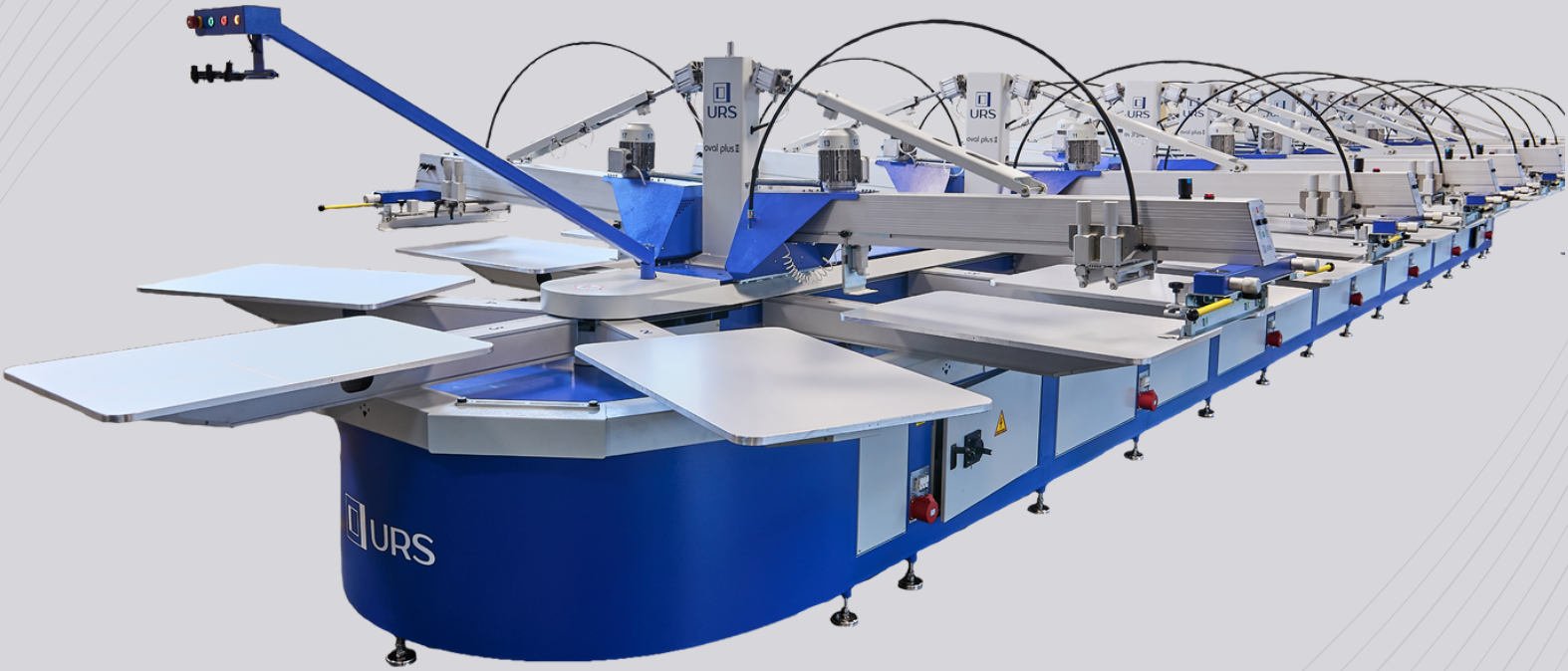
URS

oval plus II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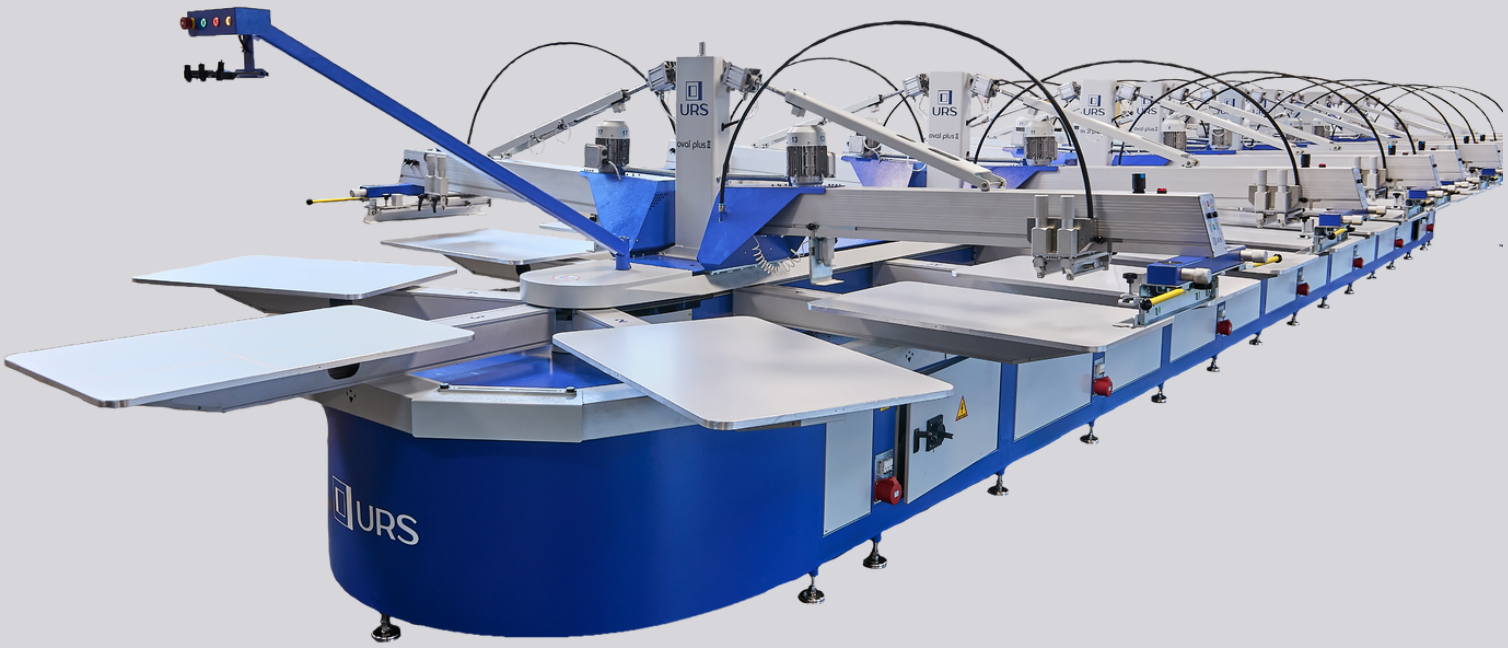
About Us

URS Makine operates in the fields of production, sales and marketing of textile screen printing machines. The company has established to take place among the leading companies of the sector with its production capacity, strong capital structure and export targets.

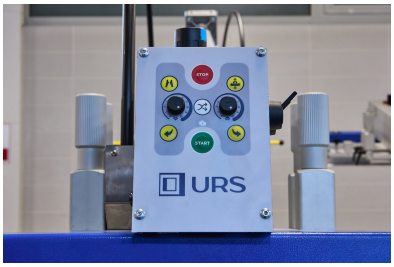
URS Makine which plans to realize a high export volume with its expert staff has built up the company structure to become one of the companies that provide services on a global scale in its sector. The company serves the screen printing machinery industry with the production process carried out by a professional and experienced team in its high-tech production facility equipped with a full automation system.

URS Makine production facility has a total production infrastructure of 13.000 m2 consisting of CNC and robotic benches with the latest technology with R&D, quality control and environmentally friendly waste system that protects human health. The facility is monitored with a barcode system, which provides traceability from raw material entry to final production.

The dynamic interaction process that will be generated by the synergy created by the most modern production factors such as creative brain power, expert management, technical infrastructure based on advanced technology and high capacity constitutes the basic working dynamics of URS Makine.



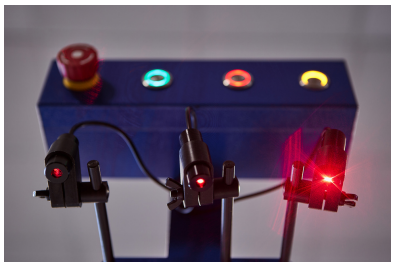
Oval Plus II Technical Features



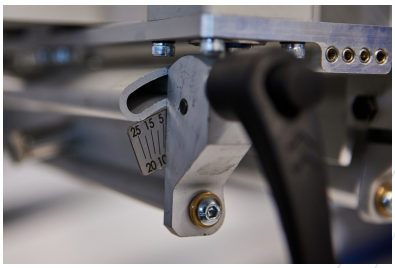
Independent control panel on all printheads

Automatic cleaning

Professional touch screen industrial PC home screen

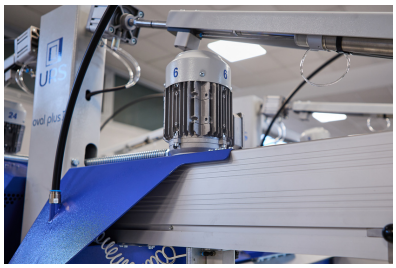


Laser marking system

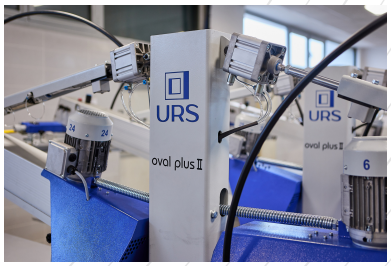


Squeegee angle adjustment system

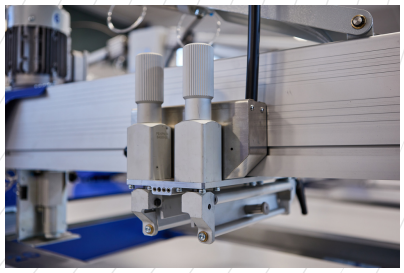
Easy demountable pallet carrier systems



Squeegee movement with AC frequency drive

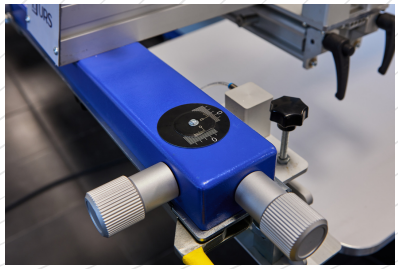


Cushioned pneumatic cylinders for precise head movement



Precise squeegee pistons

Servo motor drive system with high positioning accuracy



Mold fine tuning system precisely adjustable in all directions

Communication and energy connection sockets near the printheads for flash cure

Oval Plus II

	T18	T24	T28	T32	T36	T40	T44	T48	T52	T56
number of colors	6	10	12	14	16	18	20	22	24	26
number of pallets	18	24	28	32	36	40	44	48	52	56
number of flash cure connection (optional)	5	9	11	13	15	17	19	21	23	25
maximum printing area (mm)	620x800/850x900*									
maximum screen size (mm)	765x1150/1010x1200*									
maximum pallet size (mm)	720x1050/900x1150*									
index precision (mm)	+- 0.025									
maximum production (pieces/hr)	900									
compr. air consumption (l/min. 7 bar)**	45 l/min				55 l/min		68 l/min			80 l/min
maximum consumption (kVA)***	5,5	7,5	8,5	9	11,8	12,8	15	16	17	18
total length (mm)	9.560	12.420	14.320	16.230	18.130	20.040	21.950	23.850	25.760	27.660
total width (mm)	4000									
total height (mm)	2150									

Flash cures are not included in the consumption.

* double index

** consumption of each printhead: 45 l/min 15 pieces/min

*** these values exclude the consumption with flash cure, thus it should be calculated separately taking into account the number and power of flash cure.

Power supply: 3x380VAC 50Hz

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