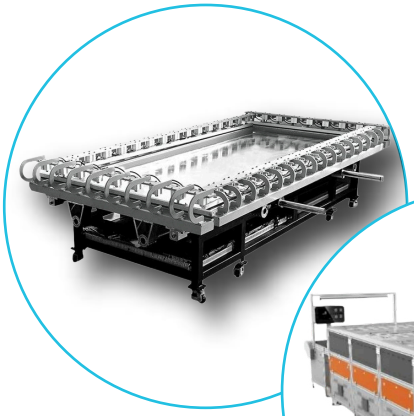
smooth operation

Y-jet

EXPRESS DELIVERY

*Conditions Apply



Oval Digital Screen Printing Machine
Automatic Stretching Machine
Energy Saving Tunnel Oven

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Features

1. Heavy steel and electronic components are utilized to increase stability and durability.
2. Each printhead can operate independently, meeting various printing requirements.
3. Equipped with Energy-saving Suspension Flash Dryers.
4. Automatically adjusting the printing height.
5. Integrated with innovative pallet positioning system, making positioning more precise.
6. Able to be equipped with the digital machines of both CLT and other brands.
7. The pallet size can be customized to the customer's needs.

Optional functions

1. The reciprocating mode and movable Suspension Flash Dryers can be used to complete small orders. (Each color can be printed separately, with one printhead for one color).
2. Flocking machines can be mounted on the machine.
3. Dual-guide rail D-SMART series automatic oval screen printing machines are provided for improving the printing accuracy.
4. All products have obtained the CE and EMC certification.

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Advantages

High registration accuracy: Advanced and mature technology can ensure that the registration accuracy error is within ±0.02mm, effectively improving the printing quality.

Customizable pallet count: A machine has 6 pallets as a default. The number of pallets ranges from 28 pallets (8 printheads) to 94 pallets (30 printheads), based on the customer's needs;

Model	Pallet Size	Maximum Printing Area
Y-jet 45-85	45cm×85cm (17.7" x33.5")	42cm×70cm (16.5"×27.6")
Y-jet 60-85	60cm×85cm (23.6" x33.5")	58cm×70cm (22.8"×27.6")
Y-jet 70-95	70cm×95cm (27.6" x37.4")	68cm×80cm (26.7"×31.5")

User-friendly:

The spring is used to fix the frame, so as to ensure more accurate registration.

The cooling station can effectively improve the operating performance of water-based printing pastes.

The guide-rail transmission system can strengthen the stability and prolong the service life of the machine.

The pneumatic rear frame support system and the printhead lifting mode are adopted to improve the efficiency of the installation, removal, inspection and cleaning of the frame.

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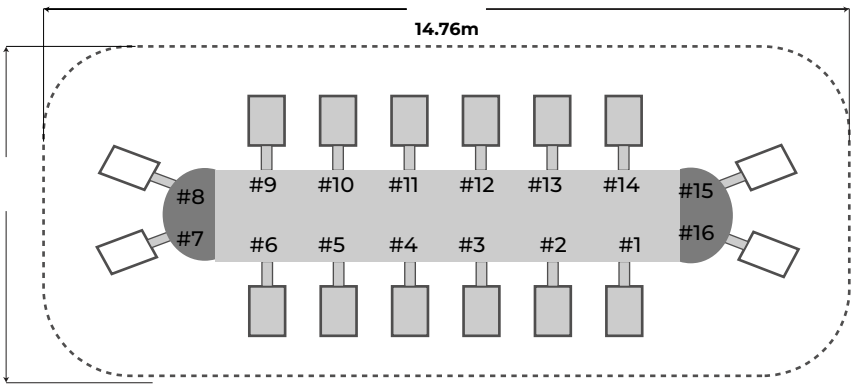
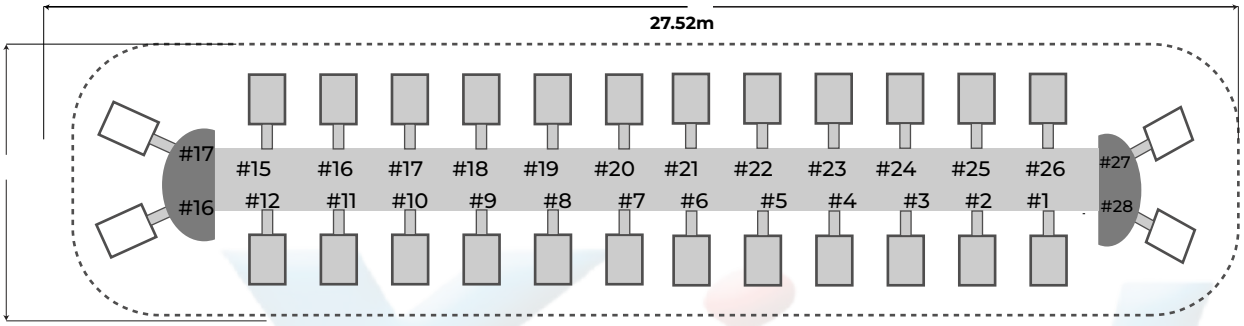
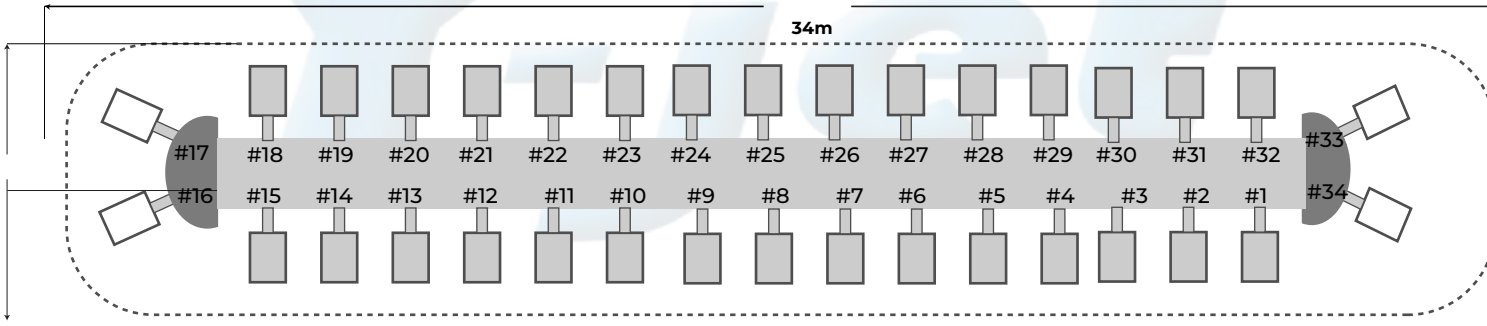
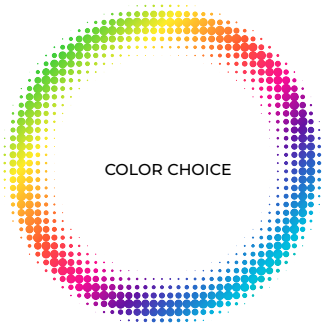
Y-jet 60-85 Series Size Chart

Scale









The Enclosure color is customizable

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Y-jet 60-85

Specifications

Model	Unit	8S	10S	12S	14S	16S	18S	20S	22S	24S	26S
Pallet Count	Piece	28	34	40	46	52	58	64	70	76	82
Printhead Count	Color	8	10	12	14	16	18	20	22	24	26
Printing Size	CM	58x70 (pallet size: 60×85)									
Max Frame	CM	75×99									
Length	M	10.64	12.70	14.76	16.82	18.88	21.04	23.20	25.36	27.52	29.67
Width	M	3.20									
Height	M	1.60									
Weight	KG	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000
Air Consumption	C^3	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65
Air Pressure		0.660MPa/0.80MPa: 0.60MPa/0.80MPa (A step after drying and filteration)									
Printhead Driver	(W)	(400W): 400W (Single printhead servo motor)									
Total Power Consumption	(KW)	5.00	5.88	7.00	7.90	9.60	10.40	11.20	12.00	12.08	12.88
Power Supply		380V 50HZ: 380V 50Hz (Three phase)									
Capacity pcs/h		800									

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Y-jet 70-95

Specifications

Model	Unit	8S	10S	12S	14S	16S	18S	20S	22S	24S	26S
Pallet Count	Piece	28	34	40	46	52	58	64	70	76	82
Printhead Count	Color	8	10	12	14	16	18	20	22	24	26
Printing Size	CM	60x80 (pallet size: 70×95)									
Max Frame	CM	86×114									
Length		13.60	16.00	18.60	21.20	23.80	26.40	29.00	31.60	34.00	36.80
Width	M	3.20									
Height	M	1.60									
Weight	KG	3800	4300	4800	5300	5800	6300	6800	7300	7800	8300
Air Consumption		0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65
Air Pressure		0.60MPa/0.80MPa: 0.60MPa/0.80MPa (A step after drying and filteration)									
Printhead Driver	(W)	(400W): 400W (Single printhead servo motor)									
Total Power Consumption	(KW)	5.00	5.80	7.00	7.80	9.60	10.40	11.20	12.00	12.08	12.88
Power Supply		380V 50HZ: 380V 50Hz (Three phase)									
Capacity pcs/h		800									

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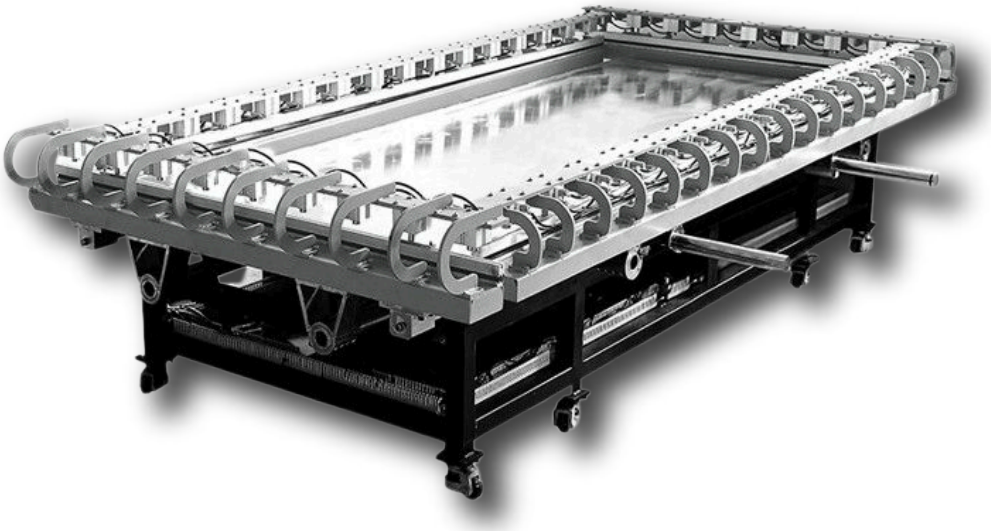
Automatic Stretching Machine



Model	Y-jet 1633
Max Machine Size	1.65×3.30(M)
Max Mesh Size	1.50×3.30(M)
Power Supply	380V 50hz
Air Pressure	0.70Mpa

Feature

* Controlled by PLC programming control technique, realizing automatic mesh strentching and uniform tension of each frame.
* Made of high-strength material, making the machine harder to deform;
* Using intergral mesh clamps, to ensure that the mesh is even and vertical when being stretched and improve the the quality, speed and stability of mesh stretching.
* Long-term use of screen clamps.
* Suitable for producing delicate and high-tension meshes, for large frames and frames made of stainless steel, composite and other materials.
* Max tension: 50N; precision: ±1N.

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Engraving Suspension Dryer

Model	Y-jet 45-70	Y-jet 60-80	SH 70-90
Drying Size	45cm×70cm	60cm×80cm	70cm×90cm
Power	8 KW	15.6 KW	19.5 KW
Voltage	380V		

Saving space:

The Dryer is mounted on the OVAL SCREEN PRINTING MACHINE

Saving energy:

1. Instant drying, and stopping heating in the standby mode.
2. Controlling the heating tube independently or combinationally, therefore adjusting the drying area.

Energy Saving Tunnel Oven

Conventional Model	Y-jet 800	Y-jet 1000	Y-jet 1200	Y-jet 1400	Y-jet 1900
Mesh belt width	0.80	1.00	1.20	1.40	1.90
Entrance length	0.85	0.85	1.00	1.00	1.00
Export length	1.20	1.20	1.50	1.50	1.50
Height	1.10	1.10	1.10	1.10	1.10
Width	1.00	1.20	1.40	1.60	2.10

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Table Digital Printing Machine

Model	Y-Jet HT 4-6
Spray Nozzle Model	Epson T720 (DXZ, DX7, 5113, XP600)
Number of nozzles	4 (Optional 2, 4, 8)
Table Length	6m (Optional 3m, 6m, 9m-3km)
Print Head	13200
Print Color	C, M, Y, K,
Printing Accuracy	720×720 dpi, 720×1080 dpi, 360×1080 dpi
Print Speed	180 sheets/hour (A4 paper size 320 pixels/inch), 16 pieces/hour (A4 paper size 360 pixels/inch)
Print Mode	Unidirectional and bi-directional
Ink Type	Textile coating ink
Application Fabrics	Cotton, linen, nylon, polyester
RIP Software	Photo Print/Wasatch/Aotoma/Astep/standard RIP softw are
Input Format	JPEG/TIFF file format, RGB/CMYK color mode
Power Supply Requirements	AC220V/single-phase power supply 50/60Hz,400W (Can be customized)
Heating Device	Independent movable surface drying device, optional separate paper drying rack
Environmental Requirements	Temperature 20 C-28 C, Humidity 40%-60%
Equipment Size	6000mm (length)×2700mm (width)×1100mm (height)
Equipment Weight	1100 Kg

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