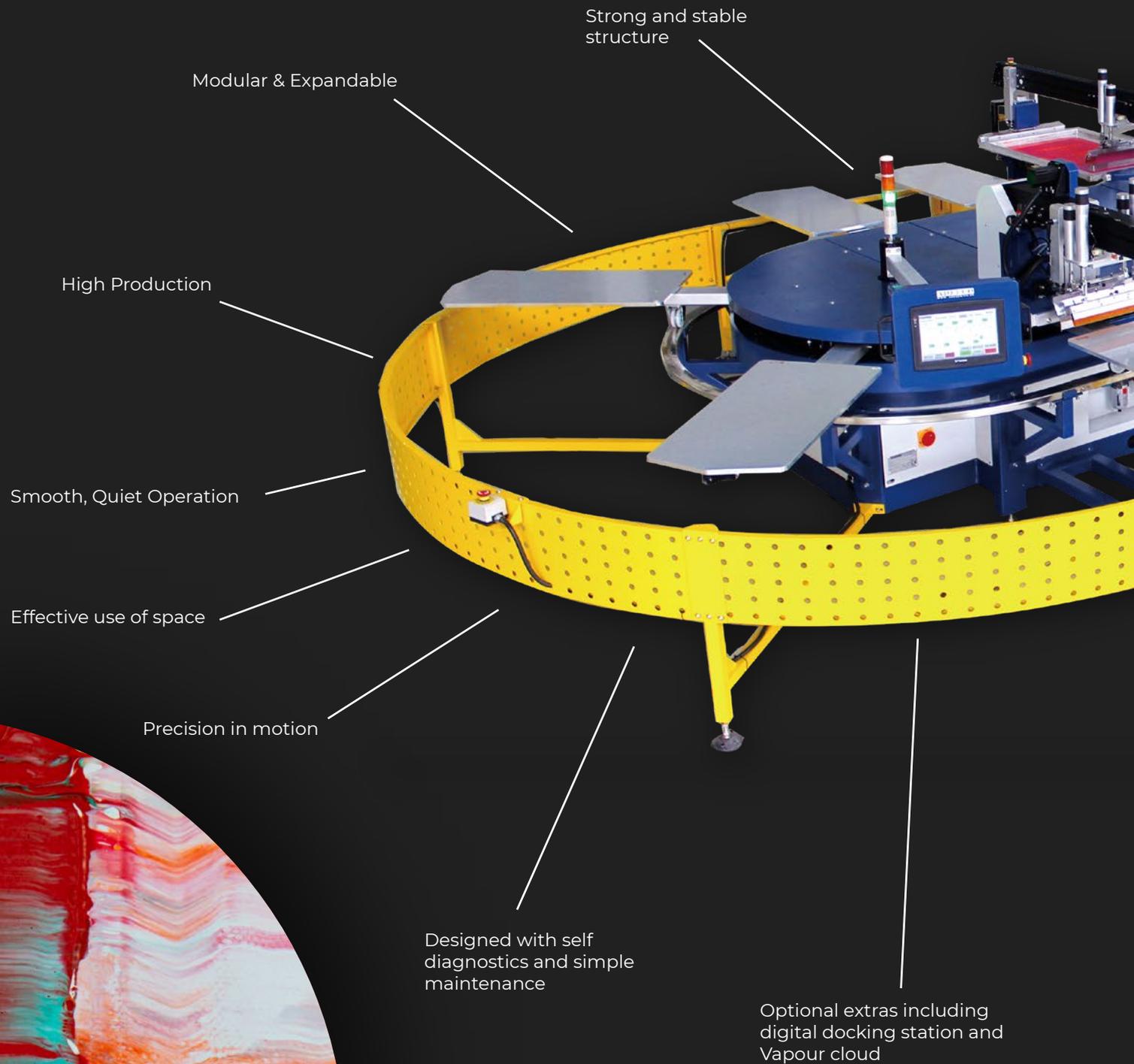


# adelco ELLIPSE

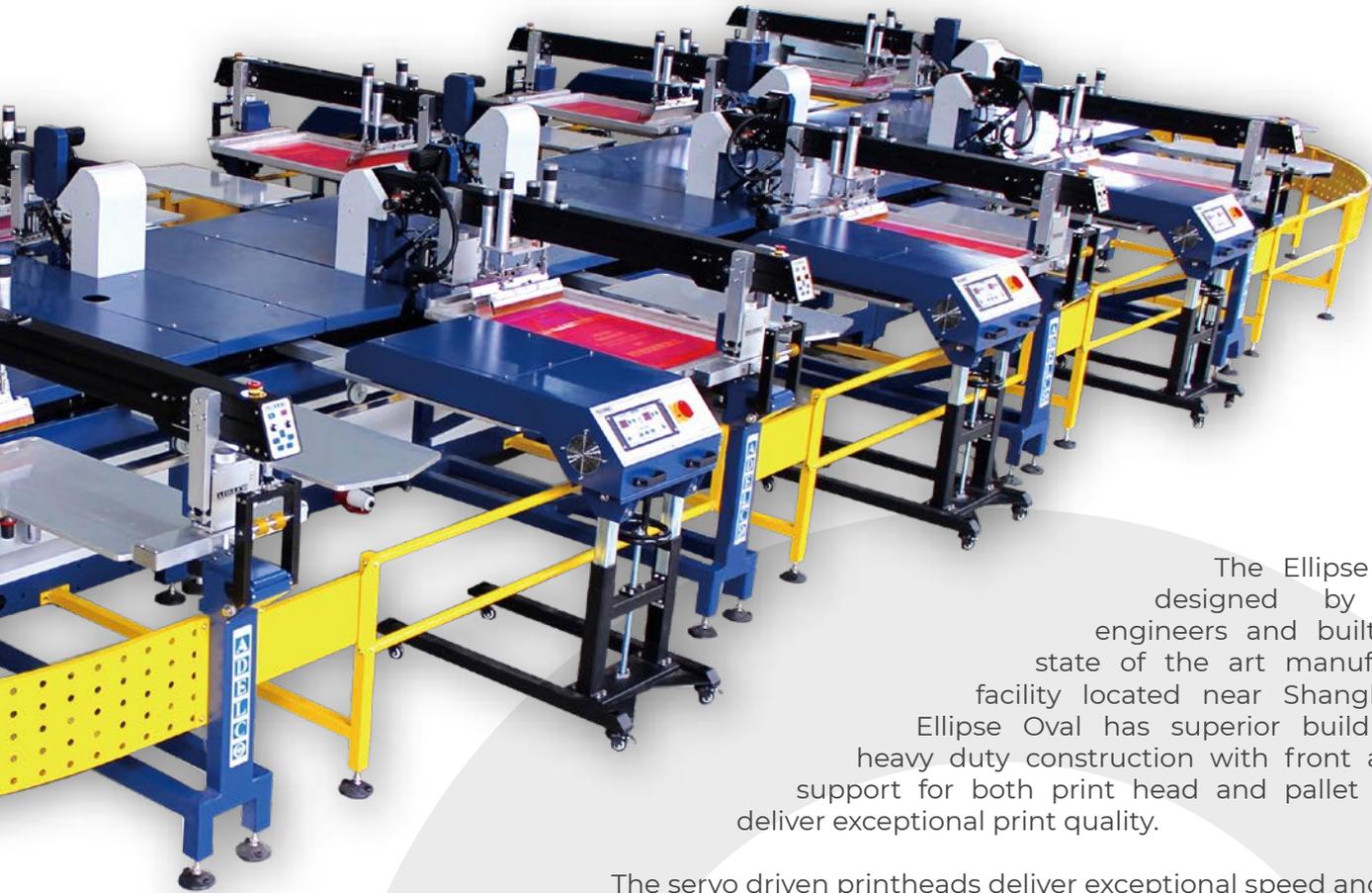
Thanks to its **modular** set-up, the Adelco Ellipse Oval screen printing press can be expanded **up to 52 stations** for **high-production runs**.



The Adelco Ellipse Oval can be configured for almost any screen-printing production requirement up to 52 stations and allowing for 16 colours. With its' modular make-up, this screen printer can be easily scaled up as your business and print requirements grow. It's available in three standard print formats with a high power servo index, allowing for cycle times of 700 or more prints per hour.

Precision printing is achieved using the Ellipse Oval, as pallets are locked front and back, offering accuracy of +/- 0.02mm. The Ellipse Oval also features a unique floating pallet design, which is chainless for extreme longevity and smooth pallet index.

The Ellipse Oval features an advanced Siemens PLC control system with human interface for all operator functions including auto start and auto finish.



The Ellipse Oval is designed by British engineers and built at our state of the art manufacturing facility located near Shanghai. The Ellipse Oval has superior build quality, heavy duty construction with front and rear support for both print head and pallet arms to deliver exceptional print quality.

The servo driven printheads deliver exceptional speed and control torque, and feature adjustable screen chase, three-way responsive micro registration, quick release squeegee/flood blades, front and rear off contact and levelling adjustment, and a quick release high lift facility for rapid screen cleaning or flash cure docking.

Every printer head is fitted with a touch panel control for all main printing functions. Rigid pallet arms optimising servo index, supported front and back during the print cycle provide zero pallet deflection, while at Adelco we also offer a wide range of easily removable pallet style and sizes.

## Features

- Chainless pallet drive system for extreme longevity and smooth pallet index.
- Guaranteed lifetime registration. Our unique lock system which is located on every pallet arm, disengages the pallet from the drive mechanism ensuring consistent pin-point lifetime registration.
- Servo driven printheads delivering exceptional speed and control torque, even at lower speeds our printheads feature adjustable screen chase, three-way responsive micro-registration, quick release squeegee/flood blades, front and rear off-contact and levelling adjustment, a quick release high lift facility for rapid screen cleaning or flash cure docking. Every head is fitted with a touch panel control for all main printing functions.
- Rigid pallet arms optimizing servo index, supported front and back during the print cycle providing zero pallet deflection. We offer a wide range of easily removable pallet styles and sizes.
- Superior build quality heavy duty construction with front and rear support for both print head and pallet arms deliver exceptional print quality.
- 2 year limited warranty – The Ellipse Oval is covered by a 2 limited year warranty and supported by our global network of service agents and distributors

Electrical Requirements	
<28 stations	>28 stations
1 phase 220V 1.5KW + 700W per print head	1 phase 220V 2.5KW + 700W per print head

Air Supply	
Pressure	CFM (per print head)
100PSI/7bar	3 CFM

Standard Image Area	Max Frame Size	Max Machine Width	Length
50x70cm (20"x28")	69x110cm (27"x43")	445cm (175")	Depends on format
60x80(23.5"x31.5")	79x120cm (31"x47")	480cm (189")	Depends on format
70x100cm (28"x39")	89x140cm (35"x55")	535cm (210")	Depends on format

## Print-Flash Format

Model	6C/16S		8C/20S		10C/24S		12C/28S		14C/32S		16C/36S	
	A1	B1	A2	B2	A3	B3	A4	B4	A5	B5	A6	B6
OVAL5070	8.69M	4.45M	10.32M	4.45M	11.94M	4.45M	13.57M	4.45M	15.19M	4.45M	16.82M	4.45M
OVAL6080	9.63M	4.80M	11.46M	4.80M	13.29M	4.80M	15.12M	4.80M	16.94M	4.80M	18.77M	4.80M
OVAL70100	10.77M	5.35M	12.80M	5.35M	14.83M	5.35M	16.86M	5.35M	18.89M	5.35M	20.93M	5.35M

## Print-Flash-Cool Format

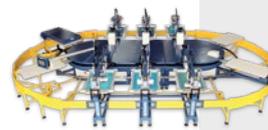
Model	6C/20S		8C/26S		10C/32S		12C/38S		14C/44S		16C/50S	
	A1	B1	A2	B2	A3	B3	A4	B4	A5	B5	A6	B6
OVAL5070	10.32M	4.45M	12.75M	4.45M	15.23M	4.45M	17.63M	4.45M	20.07M	4.45M	22.51M	4.45M
OVAL6080	11.46M	4.80M	14.20M	4.80M	16.95M	4.80M	19.69M	4.80M	22.43M	4.80M	25.18M	4.80M
OVAL70100	12.80M	5.35M	15.85M	5.35M	18.90M	5.35M	21.94M	5.35M	24.99M	5.35M	28.04M	5.35M



Model No: OPP-16C52S-5070  
16 colour - 52 Station  
50x70cm Printing Area



Model No: OPP-8C36S-80120  
8 colour - 36 Station  
80x120cm Printing Area



Model No: OPP-6C10S-70100  
6 colour - 10 Station  
70x100cm Printing Area



Bespoke oval design auto  
sock printer illustrated

“I would recommend any of the Adelco products to anyone, not only for the quality, but definitely for the support offered after the sale.”

- Rob Dubow, Dubow Textile Inc. USA