

**WE MAKE  
YOU PRINT**

Manufacturers of Automatic Screen  
Printing Machines & Equipments

# PRODUCT CATALOGUE



MAKE IN INDIA



वस्त्र मंत्रालय  
MINISTRY OF  
TEXTILES

Registered with ATUF scheme  
in ministry of textiles

## Fahi-Q Innovation

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**DISCOVER THE  
FUTURE OF SCREEN  
PRINTING WITH  
FAHI-Q INNOVATION**

# ABOUT COMPANY

## ABOUT US

FAHI-Q INNOVATION is a renowned manufacturer, supplier, and exporter of automatic screen printing machines and equipment in Coimbatore, India. Since our establishment in 2019, we have been dedicated to providing cutting edge solutions that empower businesses in the printing industry. Our commitment to continuous innovation and unmatched service quality has earned us a reputed position in the market.

## OUR VALUES



**COLLABORATION**  
We work together



**EXCELLENCE**  
We strive to be the best



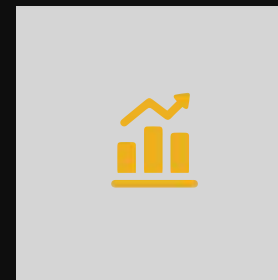
**RESPECT**  
We value everyone



**ACCOUNTABILITY**  
We do the right thing

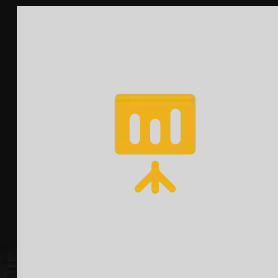


**INNOVATION**  
We embrace change



## OUR VISION

To become the market leader in automatic screen printing machines, we will focus on innovation, quality, and customer service. By developing advanced technology, investing in R&D, and ensuring strict quality control, we aim to meet industry needs and build a reliable reputation, driving growth and becoming the preferred choice globally.



## OUR MISSION

At FAHI-Q INNOVATION, our mission is to leverage the expertise of our skilled team to deliver top quality automatic screen printing machines. We prioritize innovation and precision, ensuring our products meet the highest standards.



# 5+

We emphasize reliability in every aspect of our service, understanding its critical role in maintaining productivity.

Our commitment to customer satisfaction drives us to offer the best solutions, enhancing efficiency and fostering long term success.

# FAHI-Q BASE SERIES

## MAIN FEATURES

- 10" HMI touch screen centralized operating interface.
- AC inverter based squeegee with electric movement.
- Independent control panel for all printhead.
- Vernier scale method for screen alignment.
- Separate control for angle of squeegee speed.
- Pneumatic screen clamping system.
- Easy and quick screen cleaning provision.
- Aluminium honeycomb pallets.
- Smooth indexing through AC inverter drive.
- Universal and high mobility flash cure unit under the print head.
- INDEX PRECISION :  $\pm 0.025\text{mm} / 0.001'$

## PRINTING MODES

Double Index

Sample Mode

Multiround

(upto 10 Rounds)

Carriage inverted Mode

Push Print

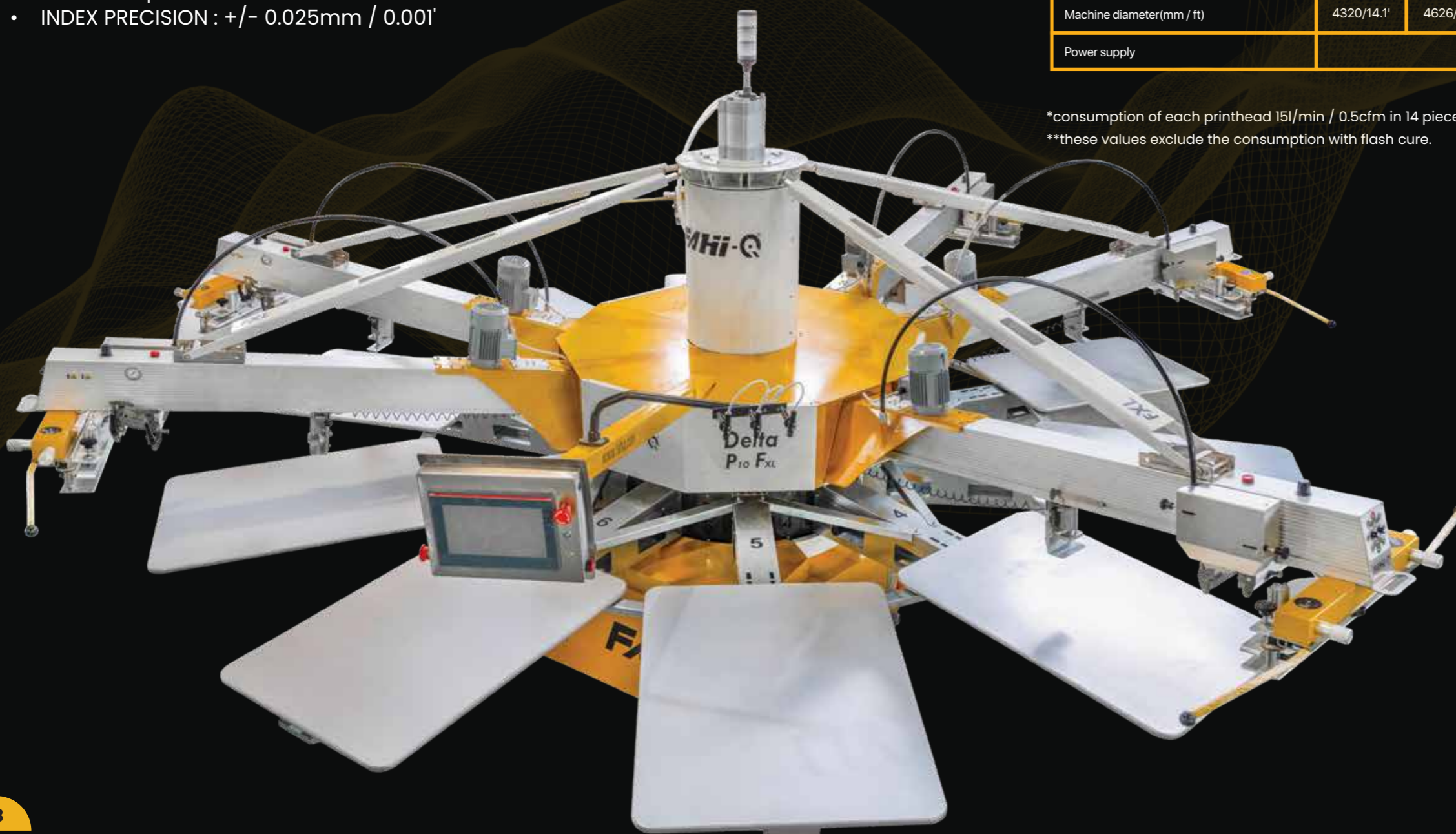
Fahi-Q's Base Series is our entry level model, featuring a user friendly control panel operations. Indexing happens through cam mechanism. This machine is easy to handle, gives you fast production and can print up to 800 pieces per hour.

## SPECIFICATION

MACHINE MODELS	COMPACT P8	DELTA P10	STAR P12	ULTRA P14	SHARP P16	MONSTER P18	EXTREME P20
Number of colors (max).	6	8	10	12	14	16	18
Number of pallets	8	10	12	14	16	18	20
No of flash cure connection units (optional)	2			3			4
Maximum production (pieces/h)*	1000			900		800	
Compr. air consumption at 7 bar (l/min. / cfm)*	220 / 7.5+ consumption of each printhead			340 / 7.5+ consumption of each printhead			
Maximum consumption (kVA)**	4	4	5.5	6	7	7.5	8
Machine diameter(mm / ft)	4320/14.1'	4626/15.1'	4800/15.7'	5100/16.7'	5300/17.3'	6800/22.3'	6932/22.8'
Power supply	230V+N, 2x230V, 3x400V+N - 50Hz or 60Hz						

\*consumption of each printhead 15l/min / 0.5cfm in 14 pieces / min.

\*\*these values exclude the consumption with flash cure.

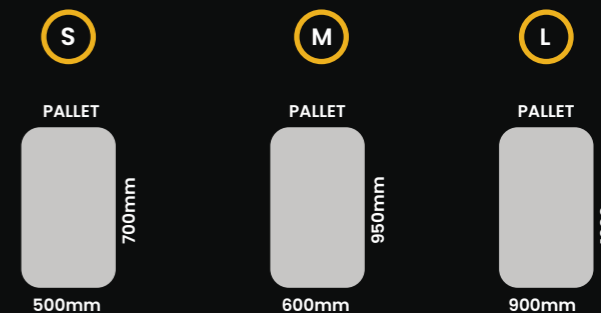


## MAIN HIGHLIGHTS

max. production  
**1000\* pieces/hour**

max. printing area  
**550x750mm**  
**800x1100mm**

## PALLET SIZES



# FAHI-Q PLUS SERIES

## MAIN FEATURES

- Independent lifting system for each head.
- 10" HMI touch screen centralized operating interface.
- AC inverter based squeegee with electric movement.
- Independent control panel for all printhead.
- Vernier scale method for screen alignment.
- Separate control for angle of squeegee speed.
- Pneumatic screen clamping system.
- Easy and quick screen cleaning provision.
- Aluminium honeycomb pallets.
- Smooth indexing through AC inverter drive.
- Universal and high mobility flash cure unit under the print head.
- INDEX PRECISION : +/- 0.025mm / 0.001'

## PRINTING MODES

Double Index

Sample Mode

Multiround  
(upto 10 Rounds)

Carriage inverted  
Mode

Push Print



An upgrade from the Base model, the Plus Series features individual print heads. It can be opted with either a cam or chain mechanism, depending on customer preference. With individual lifting options, this model offers enhanced accuracy and reliability.

## SPECIFICATION

MACHINE MODELS	COMPACT P8	DELTA P10	STAR P12	ULTRA P14	SHARP P16	MONSTER P18	EXTREME P20
Number of colors (max).	6	8	10	12	14	16	18
Number of pallets	8	10	12	14	16	18	20
No of flash cure connection units (optional)	2			3			4
Maximum production (pieces/h)*	1000			900		800	
Compr. air consumption at 7 bar (l/min. / cfm)*	220 / 7.5+ consumption of each printhead			340 / 7.5+ consumption of each printhead			
Maximum consumption (kVA)**	4	4	5.5	6	7	7.5	8
Machine diameter(mm / ft)	4320/14.1'	4626/15.1'	4800/15.7'	5100/16.7'	5300/17.3'	6800/22.3'	6932/22.8'
Power supply	230V+N, 2x230V, 3x400V+N - 50Hz or 60Hz						

\*consumption of each printhead 65l/min / 2.3cfm in 18 pieces / min.

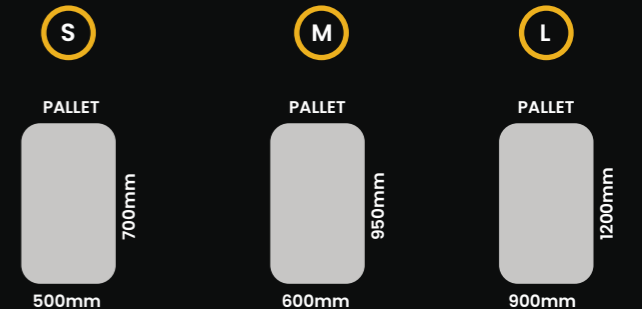
\*\*these values exclude the consumption with flash cure.

## MAIN HIGHLIGHTS

max. production  
**1000\* pieces/hour**

max. printing area  
**550x750mm  
800x1100mm**

## PALLET SIZES



# FAHI-Q PRO SERIES

## MAIN FEATURES

- Smooth indexing through Servo drive.
- 10" HMI touch screen centralized operating interface.
- AC inverter based squeegee with electric movement.
- Independent control panel for all printhead.
- Vernier scale method for screen alignment.
- Separate control for angle, stroke length of squeegee speed.
- Independent height adjustment.
- Pneumatic screen clamping system.
- Independent lifting system for each head.
- Easy and quick screen cleaning provision.
- Aluminium honeycomb pallets.
- Double index printing mode.
- Index skip function.
- Universal and high mobility flash cure unit under the print head.
- INDEX PRECISION : +/- 0.025mm / 0.001'
- Main control unit links with smartphone through wifi.

## OPTIONS

- 4 cylinder carriage assembly
- Automatic print head lifting for cleaning access
- Double cylinder lock for screen holders

## PRINTING MODES

Double Index

Sample Mode

Multiround  
(upto 10 Rounds)

Carriage inverted  
Mode

Push Print

Fahi-Q's Pro Type machine is a fully loaded automatic screen printing machine. This model features a servo motor with chain system for high speed operation, making it ideal for production. Additionally, it has individual lifting options in the print heads. This is our most updated model.

## SPECIFICATION

MACHINE MODELS	COMPACT P8	DELTA P10	STAR P12	ULTRA P14	SHARP P16	MONSTER P18	EXTREME P20	DELUXE P22
Number of colors (max).	6	8	10	12	14	16	18	20
Number of pallets	8	10	12	14	16	18	20	22
No of flash cure connection units (optional)	2			3			4	
Maximum production (pieces/h)*	1200			1000			900	
Compr. air consumption at 7 bar (l/min. / cfm)*	220 / 7.5+ consumption of each printhead			340 / 7.5+ consumption of each printhead				
Maximum consumption (kVA)**	4	4	5.5	6	7	7.5	8	9
Machine diameter(mm / ft)	4320/14.1'	4626/15.1'	4800/15.7'	5100/16.7'	5300/17.3'	6800/22.3'	6932/22.8'	7200/23.6'
Power supply	230V+N, 2x230V, 3x400V+N - 50Hz or 60Hz							

\*consumption of each printhead 60 l/min / 2.3 cfm in 18 pieces / min.

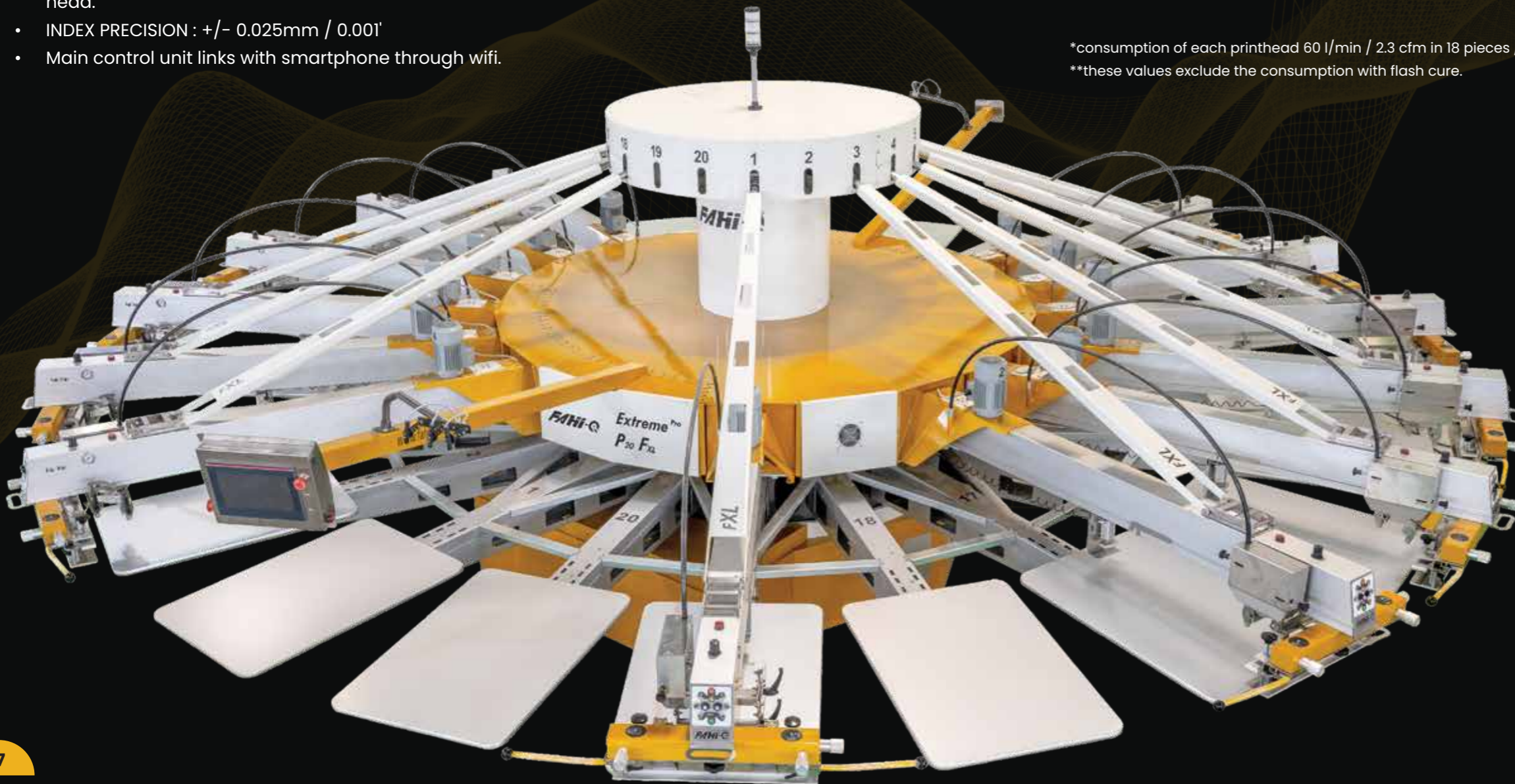
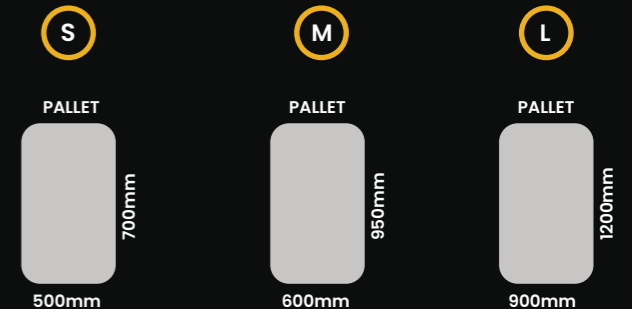
\*\*these values exclude the consumption with flash cure.

## MAIN HIGHLIGHTS

max. production  
**1200\* pieces/hour**

max. printing area  
**550x750mm  
800x1100mm**

## PALLET SIZES



# FAHI-Q PRO+ SERIES

## MAIN FEATURES

- Electric up/down movement using high accuracy AC drive.
- Smooth indexing through servo drive.
- Up Down Movement using high accuracy AC drive.
- 10" HMI touch screen centralized operating interface.
- Independent control panel for all printhead.
- Vernier scale method for screen alignment.
- Separate control for angle, stroke length of squeegee speed.
- Independent height adjustment.
- Pneumatic screen clamping system.
- Easy and quick screen cleaning provision.
- Aluminium honeycomb pallets.
- Double index printing mode.
- Index skip function.
- Universal and high mobility flash cure unit under the print head.
- INDEX PRECISION : +/- 0.025mm / 0.001'
- Main control unit links with smartphone through wifi.

## OPTIONS

- 4 cylinder carriage assembly
- Automatic print head lifting for cleaning access
- Double cylinder lock for screen holders

## PRINTING MODES

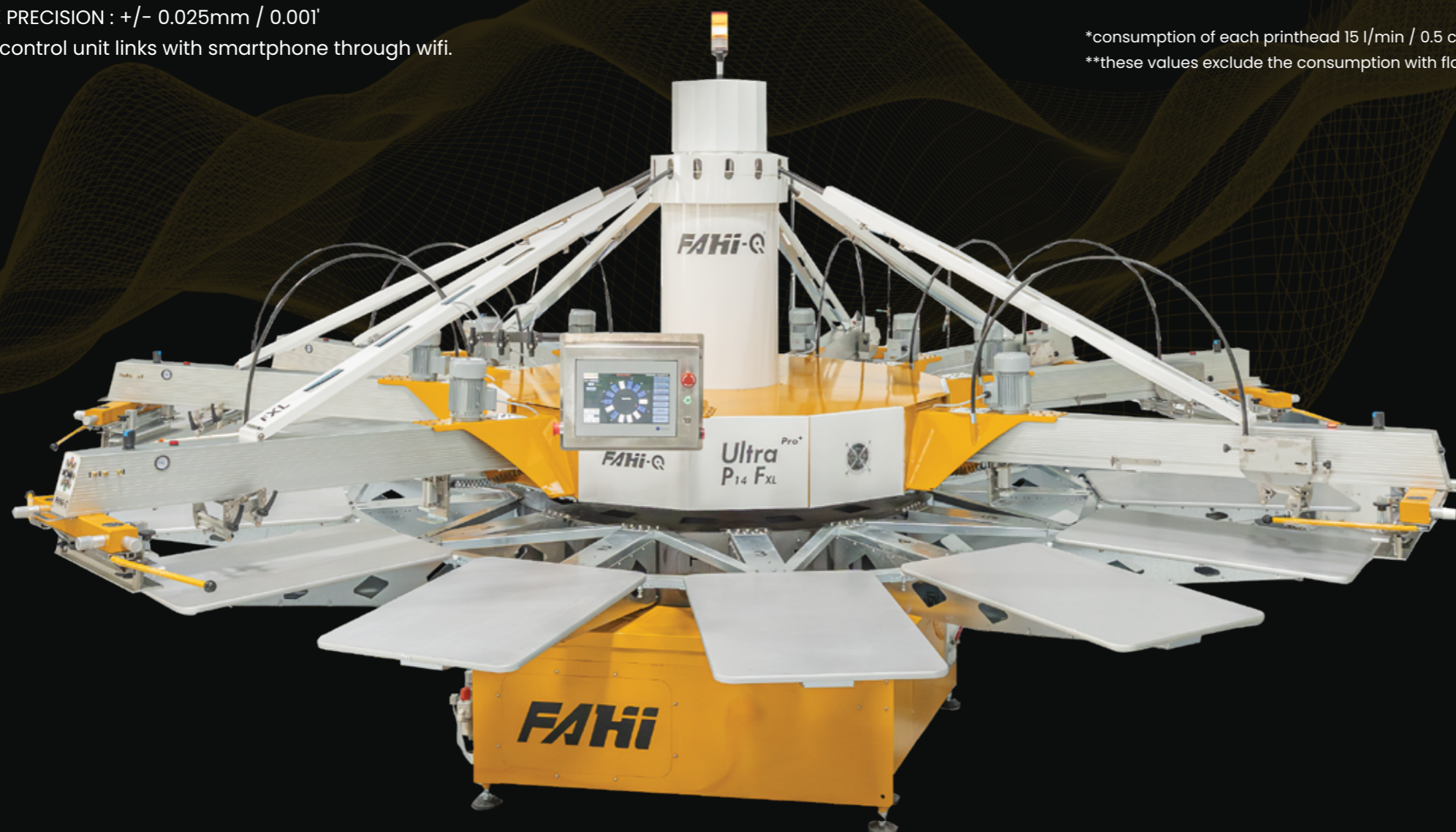
Double Index

Sample Mode

Multiround  
(upto 10 Rounds)

Carriage inverted  
Mode

Push Print



Fahi-Q's Pro+ model is a newly designed machine that's tailored to meet specific market requirements. The electric AC drive for the print heads' up and down movement is a fantastic feature, as it indeed speeds up production, precision, reliability, and efficiency, which should translate to improved overall performance and productivity.

## SPECIFICATION

MACHINE MODELS	COMPACT P8	DELTA P10	STAR P12	ULTRA P14	SHARP P16	MONSTER P18	EXTREME P20	DELUXE P22
Number of colors (max).	6	8	10	12	14	16	18	20
Number of pallets	8	10	12	14	16	18	20	22
No of flash cure connection units (optional)	2			3			4	
Maximum production (pieces/h)*	1400			1300			1200	
Compr. air consumption at 7 bar (l/min. / cfm)*	220 / 7.5+ consumption of each printhead			340 / 7.5+ consumption of each printhead				
Maximum consumption (kVA)**	4	4	5.5	6	7	7.5	8	9
Machine diameter(mm / ft)	4320/14.1'	4626/15.1'	4800/15.7'	5100/16.7'	5300/17.3'	6800/22.3'	6932/22.8'	7200/23.6'
Power supply	230V+N, 2x230V, 3x400V+N - 50Hz or 60Hz							

\*consumption of each printhead 15 l/min / 0.5 cfm in 23 pieces / min.

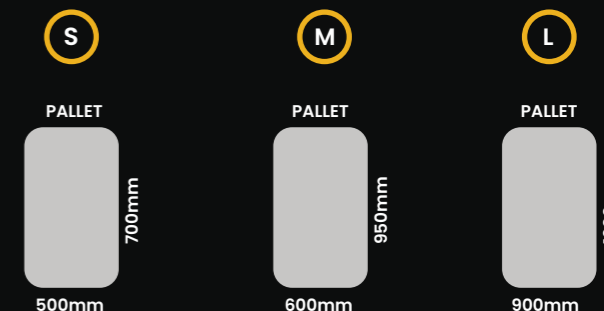
\*\*these values exclude the consumption with flash cure.

## MAIN HIGHLIGHTS

max. production  
**1400\* pieces/hour**

max. printing area  
**550x750mm  
800x1100mm**

## PALLET SIZES



# FAHI-Q OVAL SERIES

## MAIN FEATURES

- Smooth indexing through Servo drive.
- 14"HMI touch screen centralized operating interface.
- AC inverter based squeegee with electric movement.
- Independent control panel for all printhead.
- Vernier scale method for screen alignment.
- Separate control for angle, stroke length of squeegee speed.
- Independent height adjustment.
- Pneumatic screen clamping system.
- Easy and quick screen cleaning provision.
- Aluminium honeycomb pallets.
- Double index printing mode.
- Index skip function.
- Universal and high mobility flash cure unit under the print head.
- Double Chain Sprocket.
- INDEX PRECISION : +/- 0.025mm / 0.001'
- Main control unit links with smartphone through wifi.

## OPTIONS

- 4 cylinder carriage assembly
- Automatic print head lifting for cleaning access
- Double cylinder lock for screen holders

## PRINTING MODES

Double Index

Sample Mode

Multiround  
(upto 10 Rounds)

Carriage inverted Mode

Push Print

Fahi-Q is expanding its product line with the introduction of the Oval Series, a new technology machine that offers high precision output and increased production speed. This is a great milestone for Fahi-Q, especially after establishing itself as a leading manufacturer of carousel machines.

## SPECIFICATION

MACHINE MODELS	P18	P24	P28	P32	P36	P40	P44	P48	P52	P56
Number of colors (max)	6	10	12	14	16	18	20	22	24	26
Number of pallets	18	24	28	32	36	40	44	48	52	56
No of flash cure connection units (optional)	5	9	11	13	15	17	19	21	23	25
Maximum printing size (mm)	750x850 / 850x1150									
Maximum pallet size (mm)	800x1050 / 900x1300									
Max production (piece/hr)	900									
compr.air consumption at 7 bar(l/min. / cfm)*	130/45 + Consumption of each printhead									
Maximum consumption (kVA)**	6.5	7.5	9	13.5			16.5			
Total length(mm / ft)	9750/32'	12650/41.5'	14520/47.6'	16430/53.9'	18330/60.1'	20200/66.2'	22150/72.6'	24050/78.9'	25860/84.8'	27860/91.4'
Total width(mm/ft)	4200 / 13.7'									
Total height(mm/R)	2150 / 7'									
Power supply	230V+N, 2x230V,3x400V+N - 50Hz or 60Hz									

\*consumption of each printhead 50 l/min / 1.8 cfm in 14 pieces / min.

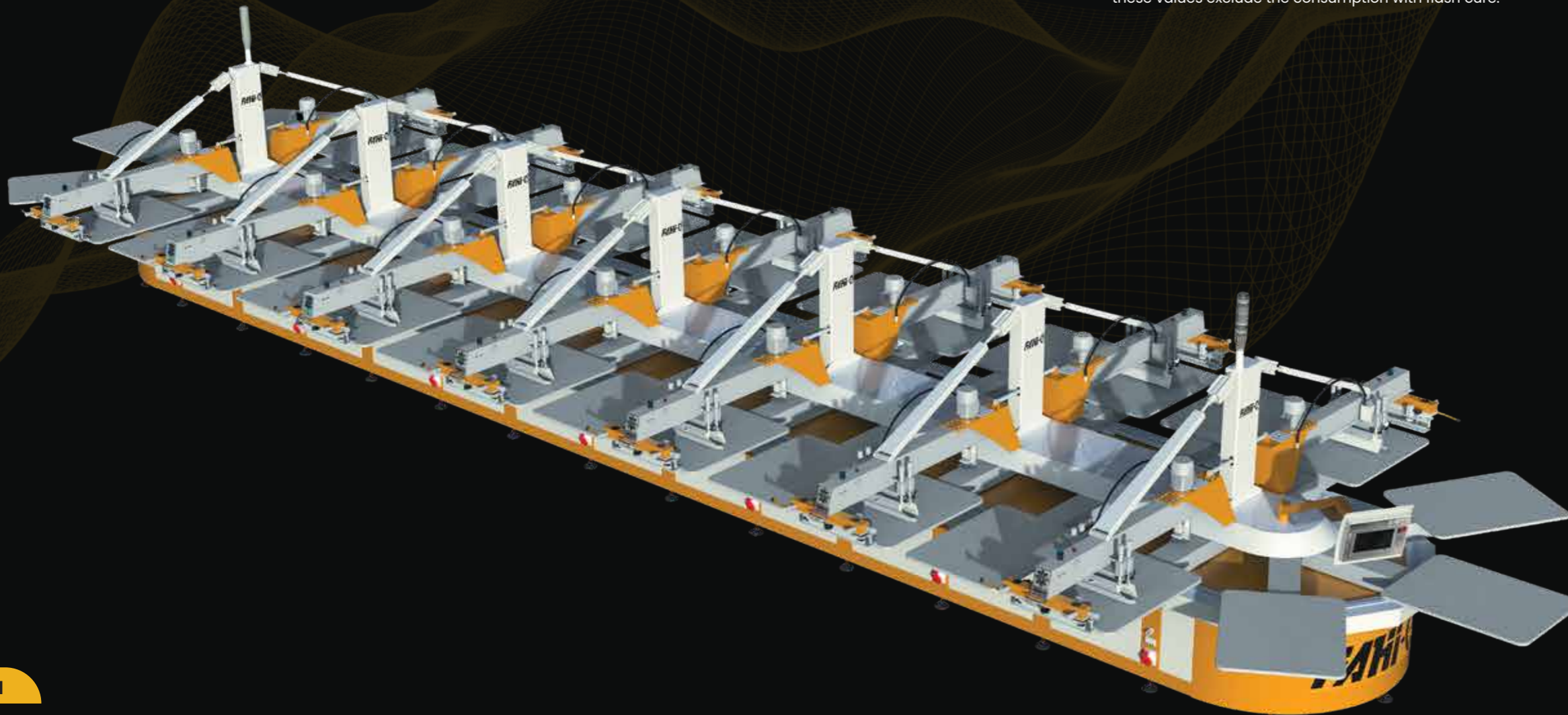
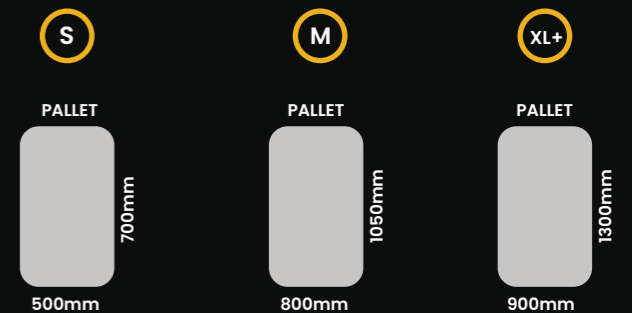
\*\*these values exclude the consumption with flash cure.

## MAIN HIGHLIGHTS

max. production  
**900\* pieces/hour**

max. printing area  
**750x850mm  
850x1150mm**

## PALLET SIZES



# FAHI-Q UNIVERSAL FLASHCURES

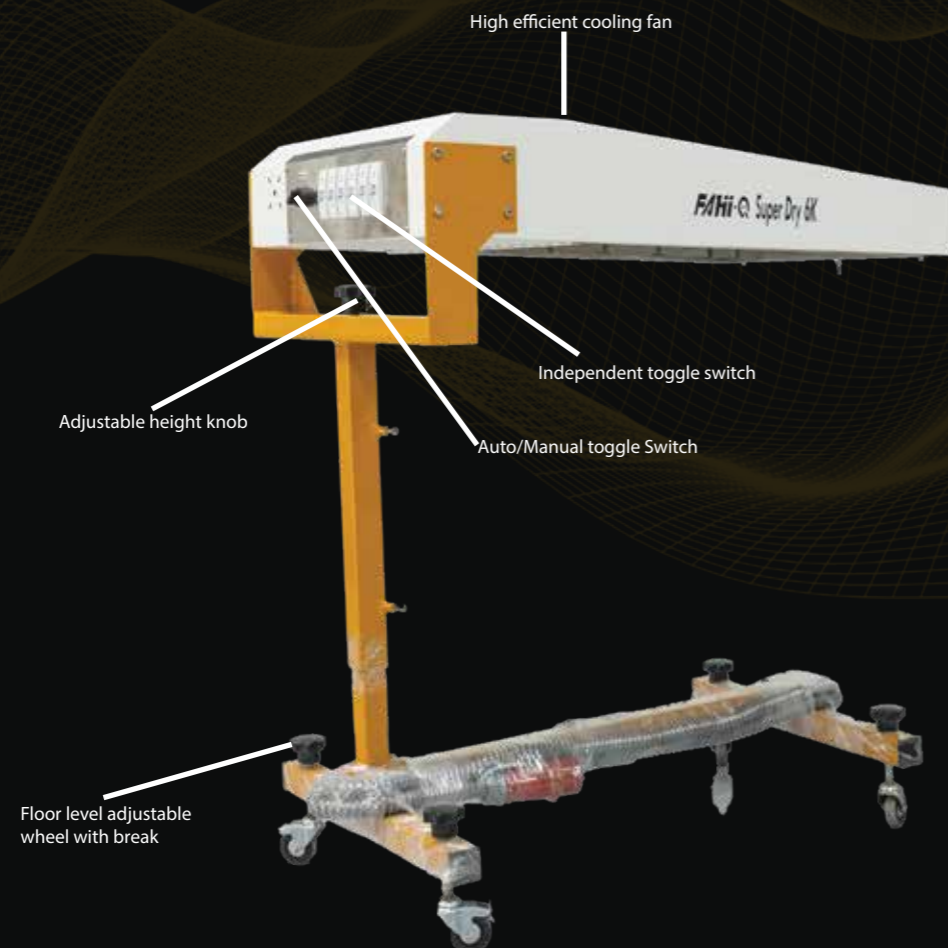
## MAIN FEATURES

- The universal flash curing can be used for any kind of screen printing machines.
- Based on the pallet height, flash curing head can be adjusted easily.
- Automatic/manual flashing setting.
- Independent lamp switched ON/OFF based on the curing area.
- The colour temperature of shortwave quartz infrared heater is around 2100 to 2150 deg.
- Shortwave infrared is twice as fast as medium, whilst using half the energy

### SPECIFICATION

HEATER MODELS	6K HEATER	12K HEATER	15K HEATER
Length	900mm	1050mm	1350mm
Width	570 mm	750 mm	980 mm
Height	1100-1300 mm (Adjustable)		
Width Drying Area	500 x 700 mm	600 x 800 mm	900 x 1100 mm
Wattage	6 kw	12 kw	15 kw

## SMART DRY 6K/12K/15K



# Customized Machines Tailored To Your Needs In XL+, 2XL, 3XL Sizes

Meeting Every Unique Requirement with Precision, Uncompromised Quality in Every Component

Premium Components We Use



At Fahi-Q, we specialize in customizing machines to meet your unique specifications. Whether you need high production capacity, unparalleled precision, or an expanded print area, we can create a machine that fits your exact needs. Our expertise ensures that every requirement is met with a tailored solution.

### P8,P10,P12,P14 Machines: Engineered for Excellence

Our **P8, P10, P12, P14** machines is a testament to our commitment to customization and quality. Designed with a large pallet size and advanced features.

#### The machines offers:

- 1. Large Pallet Size:**
  - 840x1350 mm, providing ample space for extensive printing tasks.
- 2. Servo Motor:**
  - Ensures high accuracy and precision in every print.
- 3. 4 Piston Squeegee:**
  - Enhances the efficiency and quality of the printing process.
- 4. Adjustable Squeegee Control:**
  - Separate control for angle, stroke length, and squeegee speed.
- 5. Independent Height Adjustment:**
  - Allows for precise control over printing height.

## Why Choose Customization?

Choosing a custom machine from Fahi-Q means you get a solution that perfectly matches your production needs.

#### Our custom machines offers:

- Flexibility: Tailored to your specific production requirements.
- Efficiency: Optimized for your workflow and production goals.
- Precision: Designed to deliver consistent and high quality results.

With Fahi-Q, you get more than just a machine; you get a bespoke solution that drives your success.