

# Orion

## Multi-color & Single-color Pad Printer

- Solid Steel Frame
- Linear Guide Rail
- Robust Shock Absorbers
- User-Friendly Operator Interface
- Easy Integration of Auxiliary Devices
- Adjustable Work Knee
- Flexible and Configurable



### Multi-color



### Orion with 60mm cups

#### Durable Design

The Orion pad printing machine is designed to withstand the rigors of a demanding production environment. The floor-standing chassis is constructed of one-half-inch solid steel side plates that run the entire length of the machine. This rigid design promotes exceptional stability in applications that require an inordinate amount of pad compression.

#### Easy Changeover

The modular Orion design enables easy changeover between various cup sizes and configurations. Additional features include up to five-color capability and the ability to use different cup sizes simultaneously. The Orion is ideal for manual or semi-automatic applications where great flexibility is required.

#### Modular Design, Simple Controls

The multi-color systems feature a single HMI control program, enabling quick, easy configuration of the various functions.

## Multi-color & Single-color Pad Printer

### Standard Accessories

- Set-up tool with clamp
- SpaceFrame™
- ExpressLiners™

### Optional Accessories

- Pretreatment
- Curing Unit
- Guarding
- X,Y Table
- Pad Blower
- Tape Cleaner

### Orion 60mm & 90mm cups

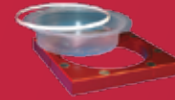


### Orion with cup slide



The Orion delivers a durable & flexible design making the Orion the ultimate building block for any project.

## Orion Modular Pad Printers



SpaceFrame™  
&  
ExpressLiner™



	60 mm	90 mm	130 mm
Cycle Speed:	Up to 1200 cycles per hour (With cup slide: Up to 840 cycles per hour)	Up to 1200 cycles per hour (With cup slide: Up to 840 cycles per hour)	Up to 1200 cycles per hour (With cup slide: Up to 840 cycles per hour)
Drive:	Pneumatic	Pneumatic	Pneumatic
Controls:	Electro-pneumatic PLC control with touch screen operator interface	Electro-pneumatic PLC control with touch screen operator interface	Electro-pneumatic PLC control with touch screen operator interface
Electrical:	Machine: 110-240 V, 50/60 Hz, 110 plug standard; Controls: 24V DC	Machine: 110-240 V, 50/60 Hz, 110 plug standard; Controls: 24V DC	Machine: 110-240 V, 50/60 Hz, 110 plug standard; Controls: 24V DC
Pneumatic:	80-90 PSI min., 5-6 CFM	80-90 PSI min., 5-6 CFM	80-90 PSI min., 5-6 CFM
Maximum Pad Compression:	Up to 985 lbs.	Up to 985 lbs.	Up to 985 lbs.
Colors:	Up to 5 colors standard at a 3 <sup>1/8</sup> " pitch (With cup slide: 1 color)	Up to 4 colors standard at a 5" pitch (With cup slide: 1 color)	Up to 3 colors standard at a 6 <sup>1/4</sup> " pitch (With cup slide: 1 color)
Plate Size:	Up to 5.91" x 15.748" (150 mm x 400 mm) (With cup slide: 80 mm x 810 mm)	Up to 9.84" x 19.69" (250 mm x 500 mm) (With cup slide: 110 mm x 810 mm)	Up to 11.81" x 19.69" (300 mm x 500 mm) (With cup slide: 150 mm x 810 mm)
Ink Cup Size:	2.36" (60 mm)	3.54" (90 mm)	5.12" (130 mm)
Maximum Print Size:	1.97" (50 mm) (With cup slide: Application dependent)	3.15" (80 mm) (With cup slide: Application dependent)	4.72" (115 mm) (With cup slide: Application dependent)
Machine Dimensions:	Length 44" (1117.6 mm) Width 27" (685.8 mm) Height 62" (1574.8 mm)	Length 44" (1117.6 mm) Width 27" (685.8 mm) Height 62" (1574.8 mm)	Length 44" (1117.6 mm) Width 27" (685.8 mm) Height 62" (1574.8 mm)
Weight:	Approx. 500 lbs. minus optional accessories	Approx. 500 lbs. minus optional accessories	Approx. 500 lbs. minus optional accessories

\* Part Transport device is required.  
Actual print area may vary depending on cup configuration.  
Other size and color quantity options are available as custom engineered systems.