



Orion 130

Multicolor Pad Printer

- Up To Five Colors
- Durable Design
- Easy Changeover

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TECHNICAL DATA:

ORION 130

Cycle Speed: Up to 1500 per hour, depending on application

Pad Compression: Up to 985 lbs

Controls: Electro-pneumatic PLC control with touch screen operator interface.

Drive: Pneumatic

Air Supply: 80–90 PSI, 5–6 CFM

Power Supply: 110–240V, 50/60Hz, 110 plug standard

Control Voltage: 24V DC

Dimensions: Depth 44 in.; width 27 in.; height 62 in.

Weight: Approx. 500 lbs.

Number Colors: Up to five with 60mm cup, 3-1/8-inch pitch; up to four with 90mm cup, 5-inch pitch; up to three with 130mm cup, 6-1/4-inch pitch. All require part transport device.

Cliché Sizes: Up to 150mm x 400mm for 60mm cup; up to 250mm x 500mm for 90mm cup; up to 300mm x 500mm for 130mm cup.

Print Sizes: Maximum 50mm diameter with 60mm cup; max. 80mm dia. with 90mm cup; max. 115mm dia. with 130mm cup. Actual print area may vary depending on cup configuration

Standard Accessories: One set of operating tools, operating manual, spare parts manual, electrical & pneumatic schematics, miscellaneous supplies. Transfer pad catalog, ink catalog, and other literature shipped separately.

The **Orion 130** 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.

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. Orion 130 is ideal for manual or semi-automatic applications where great flexibility is required.

Main Features and Benefits:

- Solid steel frame construction for durable industrial operations.
- Linear guide rail pad slide mechanisms for “Y” and “Z” axis to promote smooth and quiet operation.
- Robust shock absorbers mounted to each end of pad slide to dampen motion and provide high repeatability.
- User-friendly operator interface to allow easy control of most printing functions.
- System PLC to allow easy integration of auxiliary devices.
- Adjustable work knee to compensate for various heights in tooling with lock.



For more information on using **Orion 130** in your pad printing operation, please contact your ITW Trans Tech representative.

Unit shown at right is equipped with patented Orbiter™ pad roll-off device, custom loading fixture, special safety guarding and casters.



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