

# Syncro

## Single-color Pad Printer

- **Electronic Servo Driven**
- **Modular Control & Machine Design**
- **Fast, Simple Changeovers**
- **Convenient Table Mount**

The Syncro™ from ITW Trans Tech is a servo driven electromechanical pad printer designed for standalone as well as automation applications. Servo technology allows for machine adjustments not normally found in pad printers. ActiveDoctor™ technology provides increased doctoring performance while decreasing plate wear. Teach and save job storage settings allow fast, make-ready, and convenient job repeats. Syncro™ comes equipped with the ExpressPad™ system offering increased operator convenience and shorter set up times. The patent pending SpaceFrame™ and ExpressLiner™ systems offer the quickest cleanup and color change options in the industry. Options include optional X, Y, R adjustable plate table.



Single HMI controller operates all print modules

ExpressPad™  
SpaceFrame™  
&  
ExpressLiner™



### Features

### Benefits

Table top design	Integrates well with automation
Higher pad compression	Ability to compress a wide range of pads Reduces pin holes caused by textured surfaces Higher print quality
X/ Y pad coupler	Allows for precise positioning of pad
Electronic servo driven	Does not require compressed air More precise control of x & z axis (alignment & height adjustment) Faster cycle time; up to 60 parts/min.
Store multiple projects	Create and select specific print projects with quick recipe recall
Prints below the base	Ability to print larger size parts
Mechanical hold down	No magnets to clean in ink cup



## Single-color Pad Printer

### Standard Accessories

- Set-up Tool With Clamp
- SpaceFrame™
- ExpressLiners™
- ExpressPad™ Coupler
- Doctor Rings

### Optional Accessories

- Floor Stand Base
- Dial Table
- Electronic Servo Part Shuttle
- Pneumatic Part Shuttle
- Pretreatment
- Curing Unit
- Guarding
- X, Y Table
- X, Y, R Adjustable Plate Table
- Pad Blower
- Deionizer
- Palm Buttons
- Light Curtain
- RedStar Ink Cup

# Syncro



SpaceFrame™  
&  
ExpressLiner™



ExpressPad™



ExpressCup™

## Syncro Technical Data

Cycle Speed:	Up to 3600 cycles per hour
Control Modes:	ON/OFF, single or continuous cycle, programmable pad delay, set-up mode, doctor-ink mix, pad stroke adjustment
Controls:	Panasonic PLC touchscreen operator interface
Electrical:	Machine: single phase, 220 VAC, 25 A; Controls: 24V DC
Pneumatic:	N/A
Maximum Pad Compression:	Approx. 300 lbs.
Colors:	1 color standard; variable with automation
Plate Size:	2.76" x 5.51" (70 mm x 140 mm); 3.94" x 8.46" (100 mm x 215 mm)
Ink Cup Size:	2.36" (60 mm); 3.54" (90 mm)
Maximum Print Size:	1.97" (50 mm); 3.19" (80 mm)
Machine Dimensions:	Length 32.68" (830 mm) Width 10.63" (270 mm) Height 35.51" (902 mm)
Weight:	200 lbs.