

XE-TECH 16-20 INKPRINT

Fully Automated Printing Center

The XE-TECH 16-20 is the only fully automatic and computerized pad printing center. The system is controlled by a PC with highly sophisticated software that can be programmed to accommodate several printing points.



XE-TECH16 -20 ▲

- ▶ Steel and aluminum construction.
- ▶ One movement group with pad printing head on X/Y/Z axes.
- ▶ Brushless servo motors with rotational head.
- ▶ Automatic pad changing from 3 to 5 pads
- ▶ Automatic pad cleaning device.
- ▶ Motorized fixture support bracket.
- ▶ Built with perimeter security features using infrared entry barriers.

Servo driven

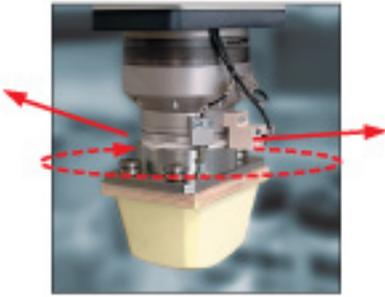
- ▶ One to six color configurations
- ▶ Brushless servo motors with lead nuts and ball screws mounted on bearings, to ensure spot-on printing precision, as well as a 25-30% increase in speed.
- ▶ Flexible electronic control of the horizontal and vertical pads movements.
- ▶ XE-Tech has a Windows based operating system that drives a completely servo controlled print head.
- ▶ A 20Gb hard drive allows storage and recall of hundreds of jobs with all print parameters.
- ▶ Operator interface with menu drop-downs, an intuitive system that is easy to operate and learn.



From the touch screen view
diagnostics of the machine input,
outputs and all error messages



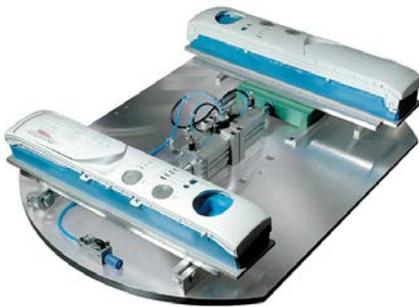
XE-TECH 16-20



▲ Magnetic head for pad picking with rotation possibility from 0-360°



▲ Pad parking group



▲ Optional pneumatic rotary table with two positions for loading one part while the other is being printed



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Features

- ▶ Touch screen PC with Pentium III processor
- ▶ 20Gb hard drive
- ▶ Programs can be saved on USB key
- ▶ Pad parking group
- ▶ On-screen diagnostic
- ▶ Magnetic head for pad pickups with 360° rotation
- ▶ Automatic pad cleaning programmable from the touch screen
- ▶ Hermetically sealed cups with ceramic rings
- ▶ Custom modifications available
- ▶ One to five color printing options

Specifications

Touch screen PC	Pentium III	
System	Windows® XP Pro	
Hard Disk	20Gb	
Axes board	PMAC	
Data transmission	Ethernet 10/100Mb	
Servo motors	Brushless Screws	
Speed	100 mt/min	
Accuracy	± 0.01mm	
No. of printing phases per program	50	
Maximum pad stroke	150mm	
Maximum pad pressure	1700 N	
Hermetically sealed cups	2 ø 200mm	4 ø 160mm
Maximum printing area	ø 185mm	ø 145mm
Cliché dimension	220 x 440mm	180 x 360mm
Electric power supply	220/380V 3PH + N 60Hz	
Auxiliary Command circuit	24V DC	
Pneumatic requirements	6 bar	
Total electrical input	10 Kw	
Dimensions	HT: 2150mm (84.64") W: 2400mm (94.4") L: 2000mm (78.74")	

**Machine dimensions will vary depending on optional equipment added.
Other standard and custom configurations and are available.
Machine specifications are subject to change without notice.*

Accessories

- Micrometric cliché support
- Rotary table
- Pad cleaner
- Adjustable pad holder
- HOT WIND 200
- Flamers
- Automatic Pick-and-Place plus more