



KP05

The **MINIPRINT KP05** is manufactured with top quality materials and advanced technology and design — the result is a pad printer of unbeatable reliability.

- ▶ Sealed inking system enables changes to be made quickly and gives an ink saving of over 50%, plus less fumes are released.
- ▶ With the **KP05** fixed cup design, the cliché moves forward and back. As the cycle starts, the pad is in the back position, allowing the operator better access for loading and unloading parts.
- ▶ Pneumatic operation guarantees excellent uniformity in printing with independent regulation of print stroke and pauses.
- ▶ The fixture support table is adjustable in all directions (x-y-z axes).



▲ **KP05 - 1 Color**
Shown with optional factory stand and pad cleaner.

KP05 – 1 Color 90mm diameter

- ▶ Single color, 90mm diameter
- ▶ Fixed sealed cups with ceramic rings.
- ▶ Maximum print area is 80mm diameter (3.15")
- ▶ 100 x 200mm cliché size.
- ▶ Cycle speed is up to 2,000 cycles per hour.

KP05 – 2 Color RR 2x 70mm diameter

The two color unit includes a pad shuttle. The part remains stationary and the pad moves for high quality and precision printing.

- ▶ Prints 2 colors with two 70mm diameter cups.
- ▶ Fix sealed cups with ceramic rings.
- ▶ Maximum print area is 60mm diameter (2.36")
- ▶ Two 80 x 200mm clichés
- ▶ Cycle speed is up to 1,700 cycles per hour.



Easy to use touchscreen allows the operator to adjust parameters such as print and cliché pause, single or continuous cycle, manual mode, increase/decrease stroke and more.

The **MINIPRINT KP05** is the most compact pad printing machine Pad Print Machinery of Vermont offers. **KP05** is the ideal pad printing machine for large and small production.

The machine is easy to operate and requires no special maintenance.

Inkprint

Features

- Electro-pneumatic control
- Micrometric support table
- Photopolymer, steel and laser plate capability
- Foot pedal
- One or two color printing options
- Optional automated pad cleaner
- Variable cycle delay
- Easy to use programmable touch pad control
- Adjustable dovetail pad assembly

Accessories

- Rotary Table
- Factory Stand
- Pad Cleaner
- Flamer
- Hot-Air dryer
- Automatic Load & Unloader
- Set of (4) casters

Specifications

	KP05 1 Color	KP05 2 Color RR
Cycle Speed	Up to 2,000 pph	Up to 1,700 pph
Drive	Electro-pneumatic	Electro-pneumatic
Cliché dimensions	100 x 200mm	80 x 200mm
Closed sealed cup dimension (maximum)	90mm	2x 70mm
Maximum printing area	Ø 80mm	Ø 60mm
Horizontal pad stroke	125mm	125mm
Vertical pad stroke	*50mm	50mm
Maximum printing pressure	480N	480N
Electrical power supply	220V / 110V	220V / 110V
Input	50W	50W
Pneumatic power supply	6 bar	6 bar
Air consumption	2.6 litres/cycle	2.6 litres/cycle
Weight	66 lbs. / 30 kg	77 lbs / 35 kg
Dimensions with factory stand	HT: 950mm (37.4") W: 550mm (21.6") L: 700mm (27.55")	
Dimensions without stand	HT: 520mm (20.5") W: 300mm (12") L: 635mm (25")	

*Extended vertical stroke option.

Dimensions are the same for both machines.

Machine specifications are subject to change without notice.

KP Series pad printers have been redesigned with an emphasis on operator accessibility and safety.

With the new design, the sealed cup remains stationary while the cliché, mounted to the support, moves back and forth. As the cycle starts, the pad is in the back position and the operator can work unobstructed while loading and unloading parts, increasing productivity and simplifying tooling design.



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KP05
2 Color RR with
optional rotary table
and pad cleaner



KP05
2 Color RR
(pad shuttle) and
optional pad cleaner