

EPIC

Pad Printing Machines

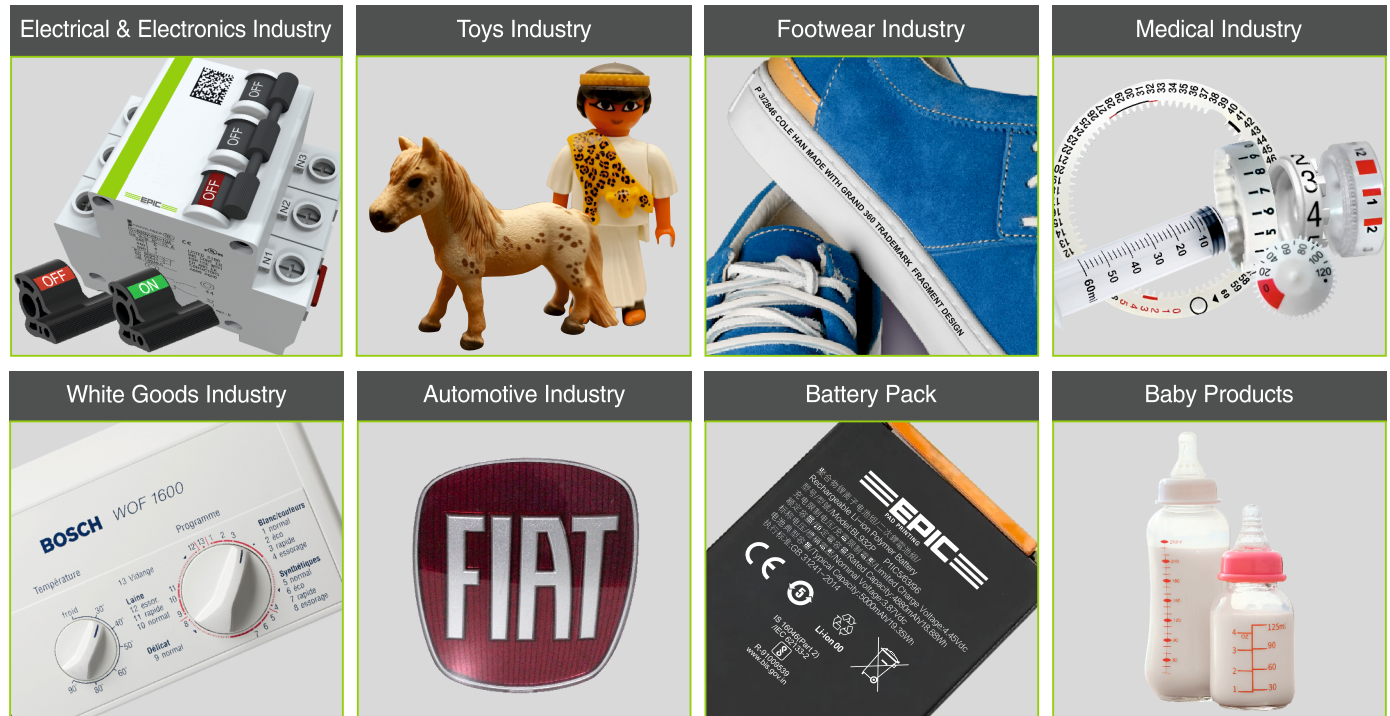


GREEN MACHINES FOR SUSTAINABLE FUTURE

Brand quality at fair price

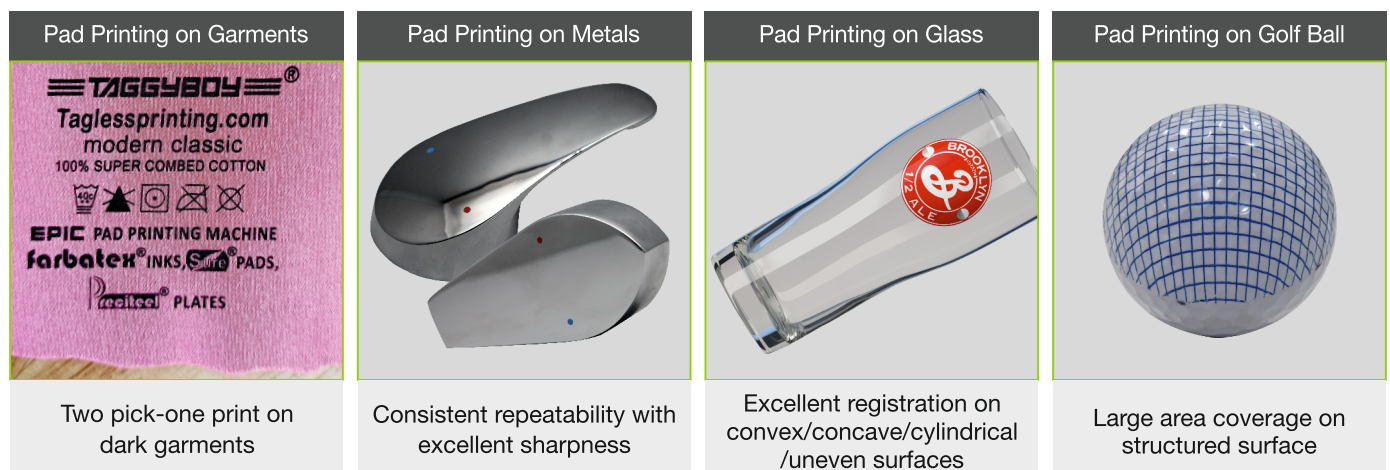
Easy Integration into Automations

EPIC Pad Printing Machines are a range of European-inspired equipment with sleek and efficient designs, specifically tropicalized for the Asian environment. These machines are engineered for high energy efficiency and occupy minimal space, yet deliver outstanding performance in terms of speed, pressure, and accuracy, whether for single or multiple prints. They can easily integrate into automation systems via D-SUB 37 PINS and offer a wide range of options, including indexers, pre- and post-substrate treatment modules, ink residue pick-up modules, viscosity measurement, and thinner metering pumps. If you're seeking a solution that delivers exceptional results with the efficiency and precision demanded by the industrial sector, EPIC Pad Printing Machines are the perfect choice.



Salient Features & Advantages

- Compact, simple and environmental friendly machines.
- Non-magnetic ink cup rings of 80 HRC hardness of tungsten carbide or high-tech ceramic as an alternative. Ring can be changed once worn off.
- Electro-pneumatic drive with PLC control and finger touch HMI from Europe.
- Low energy consumption.
- 37-pole automation interface allows addition of indexers, etc.
- Excellent and precise registration of image, each and every time. Thanks to its high end milled parts in very hard & tempered metals.
- High speed with sharp printing.
- Low ink consumption - Start with ink mixture as low as 15 grams (60 cup).
- Highest tampon pressure in a similar sized machines to use 22 shore A silicone rubber pads. Generally harder pads give better print quality.
- Multi print functions: Two pickups one print or just a cycle of two, three prints lets you print on dark and/or absorbent surfaces.
- Variable contact pressure on ink cup to reduce friction on cliché.
- All critical components from EUROPE.



Standard Pad Printing Machines

EP - 60



EP - 90



EP - 130



Other Models

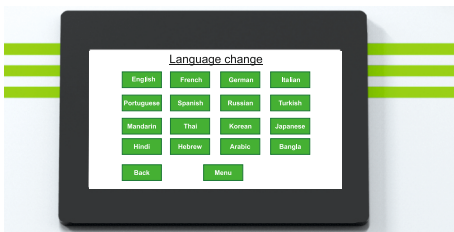
EP - 60-2CS



EP - 90-2CS



EP - 130-2 CS



Multilingual HMI Mode

English, French, German, Italian, Portuguese, Spanish, Russian, Turkish, Mandarin, Thai, Korean, Japanese, Hindi, Hebrew, Arabic & many more.

Optional Model



TCS - Tape Cleaning System (Optional)

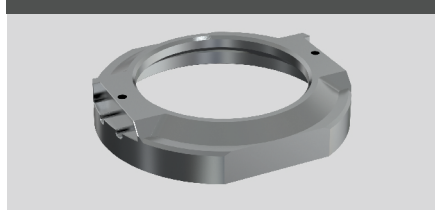
Our new and improved programable Tape Cleaning System is designed to remove ink residue and dust from the pad surface, ensuring consistent and accurate printing. It is a valuable addition for industries that require precise and multiple prints.

Accessories

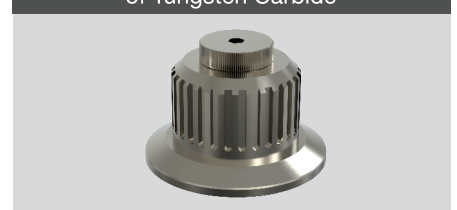
Quick Change Over System



Pressure Ring



Non-magnetic doctoring Ink Cup Made of Tungsten Carbide



Scope of Supplies

Paper cups(2), Assembly table, Gripping tongs, Ink/doctoring cup, Pressure ring , Pad coupling, Printing pad(1), Foot switch, Tool kit, Manual

Accessories (Optional)

Machine stand (DIY), x/y cross support for pad, Jigs, Rotary index table 2/4/6 stations

Magnetic holder plate (to hold thin cliché), Magnetic cliché, Tape cleaning system (TCS), Plates (Cliché), Inks, Tape, Pads

Machine May Vary In Actual

* Optional

Electro-pneumatic Ink Cup Series

Technical Features	Units	EP 60		EP 90		EP 130	
1. Part no.		160 000		190 000		130 000	
2. Ink doctoring cup	Φ mm	60	65*	90	95*	130	135*
3. Cliché size	mm	70x140		100x215		150x300	
4. Print image size max.	mm	Φ 55 (38 x 38)	60*	Φ 85 (60x60)	90*	Φ 125 (88x88)	130*
5. Single cycle		Yes		Yes		Yes	
6. Multiple printing double/ triple		Yes (Programable)		Yes (Programable)		Yes (Programable)	
7. Continuous run		Yes		Yes		Yes	
8. Cycle counter		Yes		Yes		Yes	
9. Number of cycles (in continuous single run)	cycles/h	Up to 2000		Up to 1600		Up to 1250	
10. Pad stroke onto cliché	mm	20-50		30-70		35-80	
11. Pad stroke onto work piece, variably adjustable	mm	20-80		35-100		25-120	
12. Pad installation height max.	mm	66		100		120	
13. Force of pressure	N	750		1200		3000	
14. Variable speed control		Yes		Yes		Yes	
15. Precise X-Y-Z-R table		Yes		Yes		Yes	
16. Noise emission	dB (A)	75-85		75-85		75-85	
17. Length	mm	600		702		925	
18. Height	mm	535		670		850	
19. Width	mm	250		300		420	
20. Weight* (net/gross)	kgs	50/60		80/100		140/170	
21. Drive		Electro-pneumatic		Electro-pneumatic		Electro-pneumatic	
22. Control		PLC		PLC		PLC	
23. User interface HMI		4"		4"		7"	
24. Connected load	kW	0.2		0.2		0.2	
25. Prefuse		6A		6A		6A	
26. Power supply (special voltage on request)		230 V 1/N/PE		230 V 1/N/PE		230 V 1/N/PE	
27. Power frequency	Hz	50-60		50-60		50-60	
28. Control voltage	V/DC	24		24		24	
29. Air consumption/cycle	NL	3		5.7		17.5	
30. Pneumatic supply with fine filter 5 um	Bar	6		6		6	
31. Tape cleaning system (TCS)		Optional		Optional		Optional	
32. Indexing module		Optional		Optional		Optional	
33. DIY Stand (Do it Yourself)		Optional		Optional		Optional	
34. Air shower		Optional		Optional		Optional	
35. Global Language HMI - Default English	27	Yes		Yes		Yes	

Ns240702



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Spinks Impex

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* Optional