



**The Sicatech X1** pad printing machine is based on a platform, which can be customized to do a wide range of printing jobs. In the X-control™ system you can fully program individual print cycles and save it in a recipe for repeating productions.



Standard pad printing machine platform

- Flexible configuration
- Easy and intuitive operation
- High precision





## Sicotech X1

pad printing machine

The success of the pad printing process comes from a balance between printing machine, cliché, silicone pad and ink.

With the X1 you have full control of all parameters enabling a high-quality end result.



The machine can be equipped with various cleaning pad assemblies, cliché holders and ink cups (size and number).

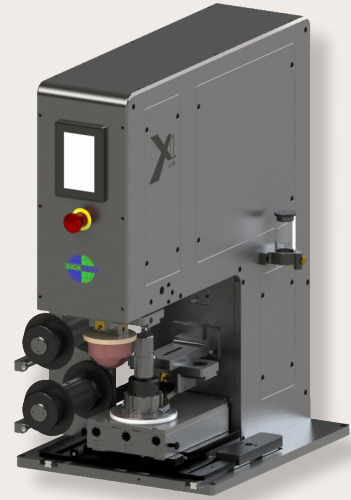
Features:

- Pneumatic operation.
- Control system PLC Siemens S7.
- Viscomix™ automatic ink viscosity system.
- Automatic pad cleaning.
- Various automation equipment is available.



### **X1-170**

cliché holder - max 170×250 mm.



### **X1-440**

cliché holder - max 440×250 mm.



### **X1-620**

cliché holder - max 620×250 mm.





Attention to details

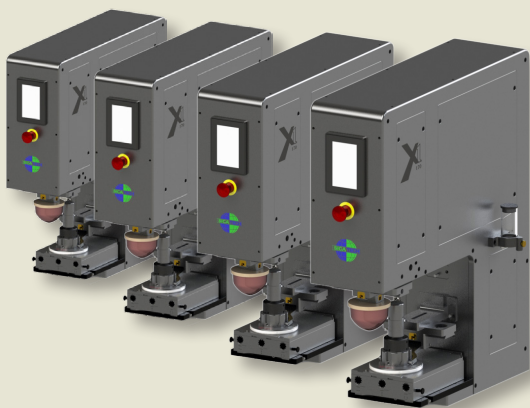
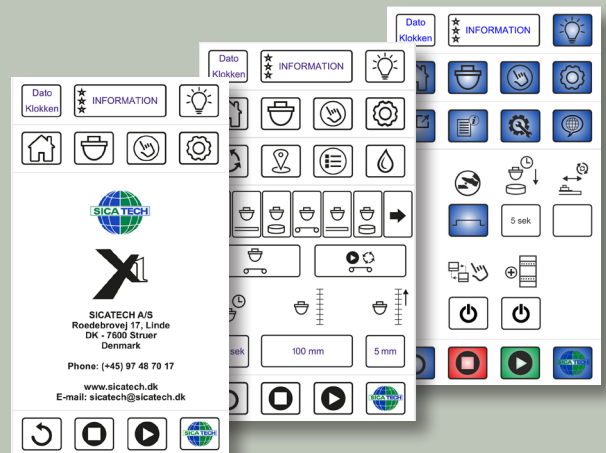


All the main parts of the X1 is made from precision milled components, making the precision and reproducibility second to none.

### 5" touch screen

with the unique X-Control™ system for easy intuitive setup and handling of your printing process.

Flexible print cycles can be set up to optimize cycle times.

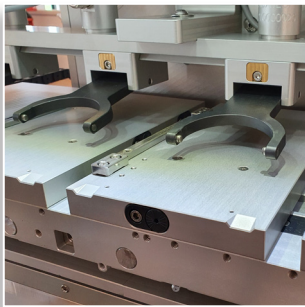


### X1 Perfect for building into a production line.

Can easily be integrated into a production setup with external main control and individual communication to each X1.

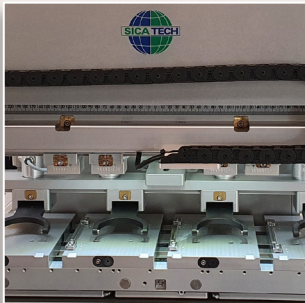


Configure the **X1**  
to match  
your requirements.



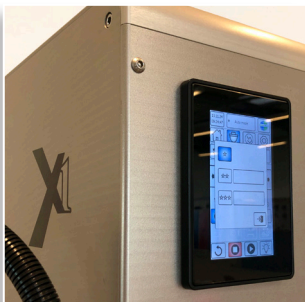
### Cup holders

- Simple, fixed.
- Height adjustable.
- With Viscomix bracket.



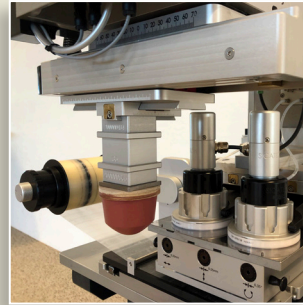
### Cliché holding plates

- Clichés length 250 mm.
- Cliché width 70~620 mm.



### HMI position

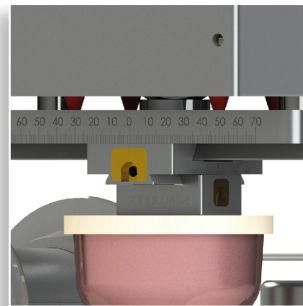
- Front.
- Rear.
- External.



### Pad Cleaning

- Tape rolls right.
- Tape rolls left.
- Tape rolls each side.

### Pad positioning



- Slide Set X/Y.
- Height adjustment blocks.
- Variable height adjustment.
- Pad shuttles.
- Selective pads



### Viscomix™

- Automated thinner diluting for 1 to 4 cups.



## **X1** Technical data

	<b>X1-170</b>	<b>X1-440</b>	<b>X1-620</b>
<b>Printing capacity</b>	Without pad cleaning Up to 2000 / hour		Without pad cleaning Up to 1400 / hour
<b>Print Force</b>	Max 1100 N or 1800 N	Max 1100 N, 1800 N or 3000 N	
<b>Pad Stroke</b>	Max. 280 mm	Max. 280 mm	Max. 280 mm
<b>Drive</b>	Pneumatic		
<b>Print Accuracy</b>	+/- 0,05 mm	+/- 0,05 mm	+/- 0,05 mm
<b>Control System</b>		PLC, Siemens S7	
<b>Communication</b>	Profinet or Digital I/O		
<b>Main Voltage</b>	110-240V / 50-60Hz		
<b>Compressed Air Supply</b>	6 bar (87 psi)		
<b>No. of Colors</b>	1-2	1-4	1-4
<b>Cup sizes</b>	Ø 56 – Ø120 mm Oval up to 120/370 mm	Ø 56 – Ø120 mm Oval up to 120/370 mm	Ø 56 – Ø120 mm Oval up to 120/370 mm
<b>Cliché size</b>	L: 250 W: 70-170 mm	L: 250 W: 70-440	L: 250 W: 70-620
<b>Machine Weight</b>	90 kg	127 kg	153 kg
<b>Dimensions</b>	W: 432 L: 757 H: 808 mm	W: 703 L: 757 H: 808 mm	W: 883 L: 757 H: 808 mm

### Full service provider

At Sicatech we have more than 35 years of experience making pad printing solutions for our customers.

Sictech is known for its quick turnaround and ability to deliver and support the best products on the market.

We supply the full range of products and accessories to make the pad printing production a success at our customers.

To our customers we are not only a supplier.  
We are also considered as your partner and your adviser.

The one who can always deliver the correct pad printing solution.



Full service provider

## Pad Printing accessories



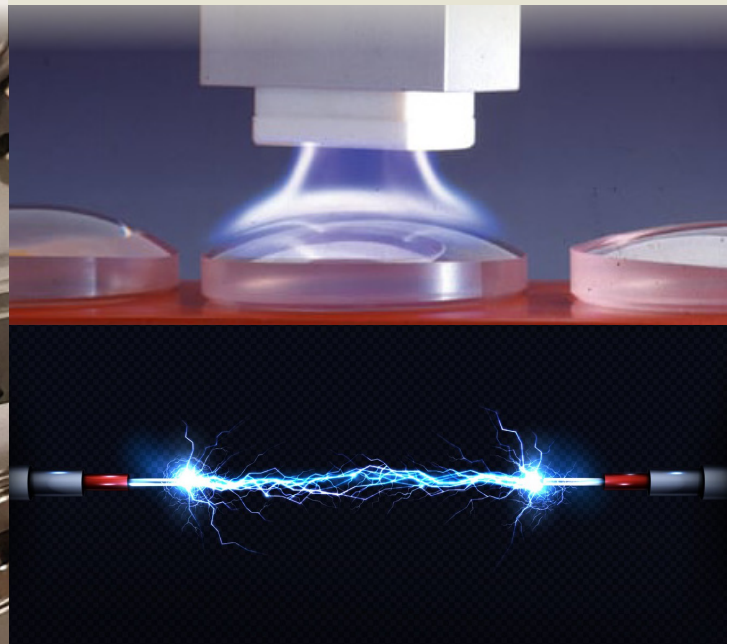
## Automation



## Fixtures and Jigs



## Surface treatment



***And, if we don't have it, we will make it!***