



Features of FINECAUSE Smart Servo Motor Screen Printer

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FINECAUSE Servo Motor Screen Printer

Driven by Servo Motor

HMI Touch Panel Surface

Extremely lightweight & steady

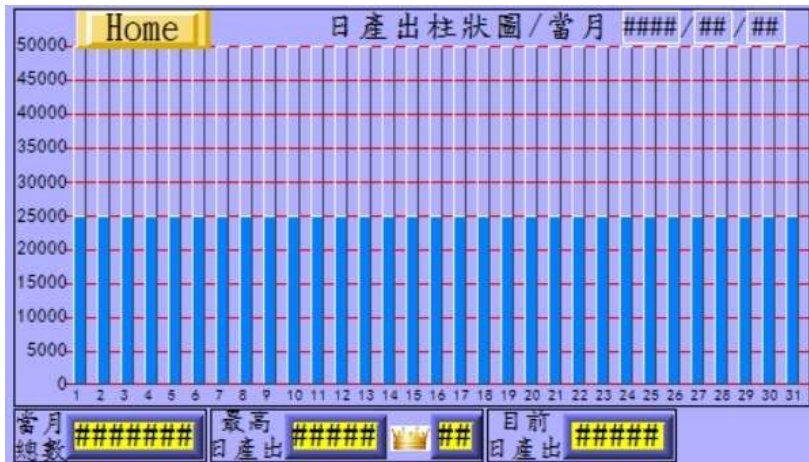
Perfection in stillness & motion



Smart Screen Printer – Output Capacity Data Recorder

- ▶ Display daily output capacity & operating time by bar chart
- ▶ Reveal the cycle time of present printing movement
- ▶ Marking the highest daily result on bar chart in the current month

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4.3' inches 65536 Full Color TFT Touch Panel

- ▶ Human interface, function hint with text display.
- ▶ Language can be switched to **Chinese/English/Indonesian** version.
- ▶ All of FINECAUSE printers are equipped with HMI.

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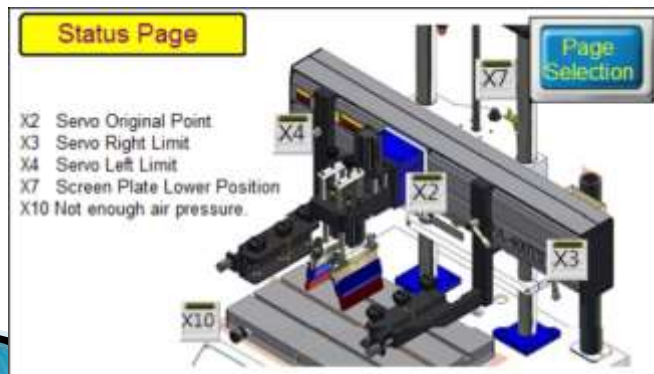
Other Brands

Vulnerable & complicated
press button panel



- ▶ Popping out the error message on screen when printer gone wrong.
- ▶ Display scrolling text, light signal drawing commentary.
- ▶ Finding out the error and troubleshooting instantly.

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Other brands

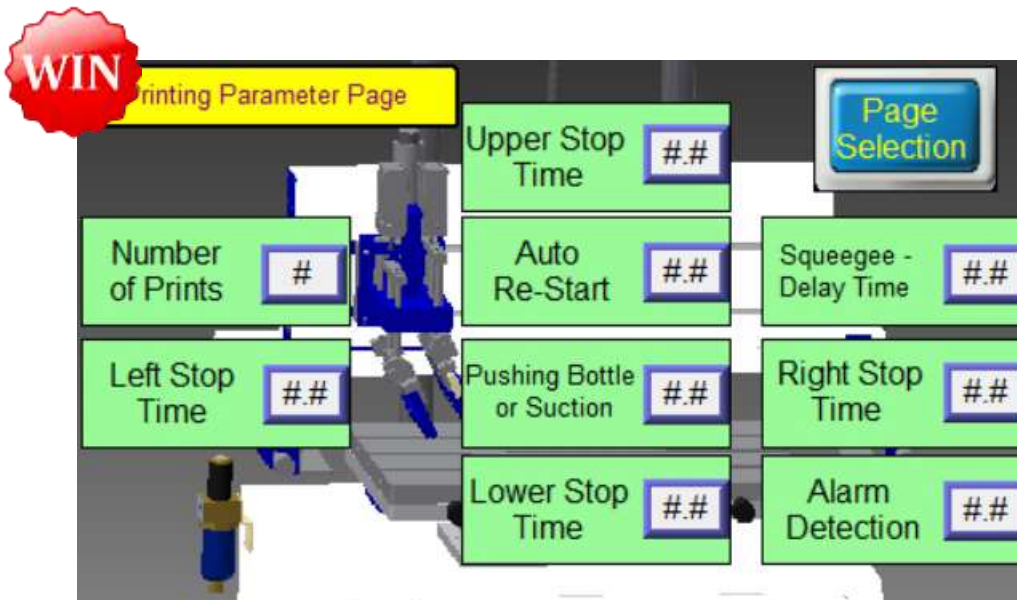
Only can display a code for error, need to read instruction manual for troubleshooting.



- ▶ All parameters of printer can be modified **easily** & **individually**.

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Servo motor parameters setting



Other brands

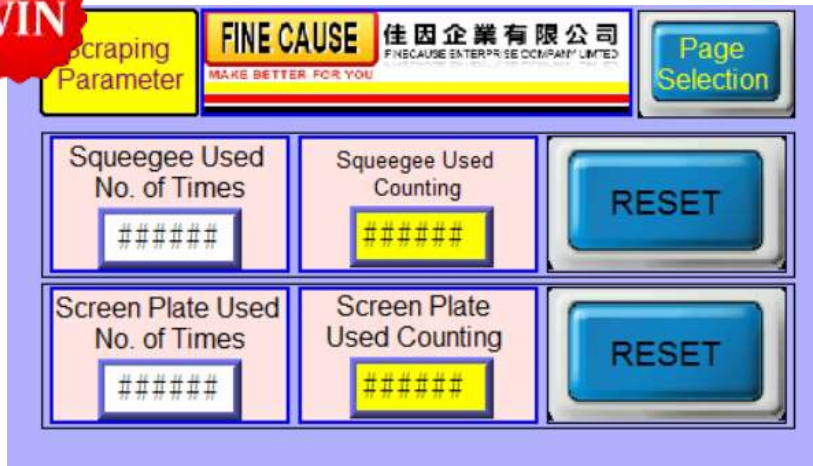
Only can adjust the speed of movement by air control valves.



Even the high-end models of other brands, they only equip with simple single color HMI.

- ▶ Not only the **producing quantity** but also the **print time of squeegee & print screen frame** can be counted & recorded.
- ▶ Effective way to **save cost** & manage the consumables consumption by setting certain parameter.
- ▶ Display scrolling text if number of time reaches the parameter.
- ▶ This function can be switched on/off by user.

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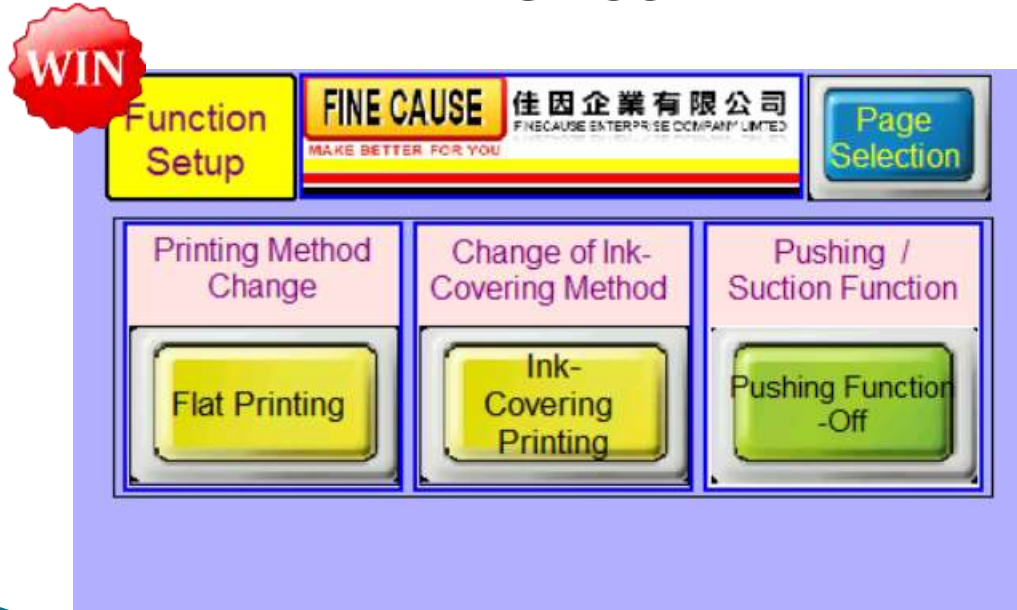
Other brands

Without this function



- ▶ All functions are divided by major sections in order to bring a clear interface to user.
- ▶ Functions panel could be **added or modified by customer's requirements.**

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Other brands

Without this function



- ▶ High Precision Servo Motor is equipped with **Linear Guides & Ball Screws**.
- ▶ Special **aluminum alloy squeegee holder** is lighter than other brands almost **10KGs**, it's **more dexterous & more steady** when operating.

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Other brands

Steel bars are liable to deform, exceed the dimension tolerance easily.



- ▶ Air intake is installed on left side with no bulge design, it helps to prevent any damage cause when you're moving machines.
- ▶ **Digital air pressure sensor**, alarming when the pressure is lower than 4.5kgs.

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WIN



Other brands

Without this function



- ▶ **Adjustable Squeegees Pressure Device** (Taiwan Patent No. M311585), effective to extend the service life of squeegee and print screen frame.
- ▶ The Squeegees Pressure can be adjusted directly, and check it through pressure gauge.

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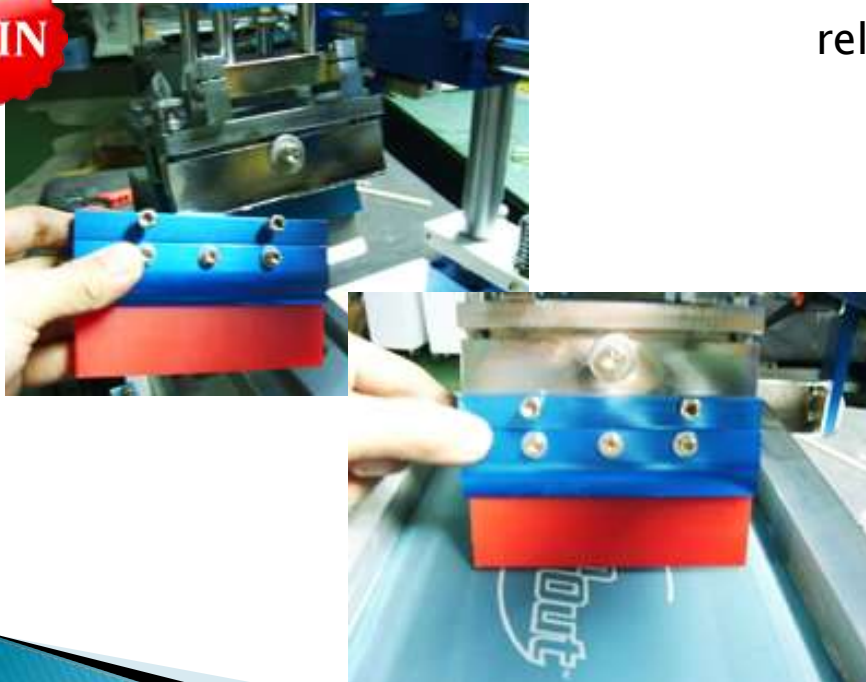
Other brands

Without this function



- ▶ Furnishing with adsorption squeegee holder (Taiwan Patent No. M390871).
- ▶ A track for sliding to position, it's easy to install & remove the holder.

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Other brands

Without this function.

All screws are nailed, need to release it every time when you want to adjust. And it's easy to get stained on your hand by inks.



- ▶ **Vertical Lifting Squeegees Holder**, It's handy to clean the print screen frame and avoiding any dropping stain on the machine.

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Other brands

Deviating Lifting Squeegees Holder, this mechanism is not easy to position image precisely, and also when you try to remove the print screen frame. The holder will cross the frame, it might cause the inks dropping on your machine or floor.



- ▶ The main control circuit is equipped with **PLC**, it's **less space occupying**, **low breakdown rate** and quick service.
- ▶ **PCB is high breakdown rate** and the substrate is easy to corroded. Due to it made by hundred piece of electronic components. One component breakdown, and it will unable to operate.

FINECAUSE (PLC Programming)

Size : 100 x 70mm

Cost : **NTD\$ 5,000**



Other brands (Traditional PCB)

Size : 250 x 150mm

Cost : **NTD\$ 8,800**



▶ Our service included :

1. Pad Printer, Screen Printer and Custom-built machine manufacturing.
2. Screen print frame, pad print steel plate & rubber pads supplying.
3. Exclusive agency for RUCO inks (GE) & SERITEC Squeegees (IT).
4. Print machine Peripherals & Consumables producing.
5. Printing problem solutions providing.

▶ End Product :



For more printer & showroom, please visit : <http://www.finecause.com>