

Comparison Table of Energy Consumption between Traditional Cylinder Pad Printing Machine and Fully Electric Pad Printing Machine

Assuming 8 hours of work per day, approximately 22 working days per month, and 264 working days per year (excluding weekends and holidays). 1 kWh = 1,000 watts per hour For FC-161ANS: FINE CAUSE Energy-Saving and Ξ Annual power consumption of Cylinder Machine = 5993.856 kWh Environmental Protection Label Annual power consumption of Fully Electric Machine = 1214.4 kWh Percentage Saved = $1 - \left(\frac{1214.4}{5993.856}\right) \times 100$ Each machine is carefully crafted evel 1 ---Plugging these values into the formula: Energy Efficiency. Ultra Power Saving Percentage Saved = 1 - (0.2026) \times 100 Percentage Saved = 0.7974×100 Percentage Saved $\approx 79.74\%$ Energy Saving Therefore, FC-161ANS saves approximately 79,74% of electricity compared to FC-161ANC. Green Energy **Total Power** Hourly Power **Daily Power** Monthly Power Annual Power Air Compressor Freeze Dryer Saved Model Consumption Consumption Consumption Consumption Consumption **Energy Ratio** Electricity Power (W) Power (W) (kWh) (kWh) (kWh) (kWh) (W) FC-161ANC 0% Cylinder Pad 2238 600 2838 2.838 22.704 499.488 5993.856 100% Printer FC-161ANS X 575 0.575 79.74% **Fully Electric** X 4.6 101.2 1214.4 20.26% Pad Printer

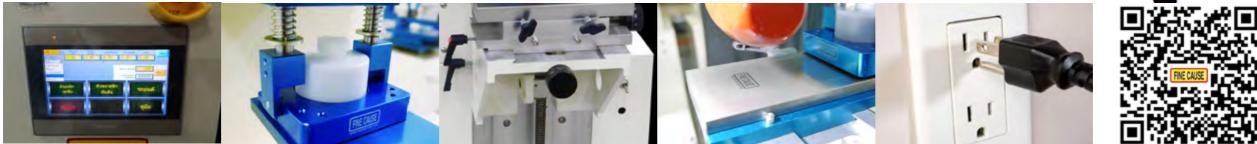


Full-Electric Pad Printing Machine

FC-161ANS Electric Servo Single Color Pad Printing Machine

- The fully electric pad printer is plug-and-play and does not require air connection and air compressor. It is suitable for printing in places without air compressor.
- The printing pad adopts servo motors for the up, down, front, and back movements, unaffected by compressed 3 years warranty air pressure.
- The pad printing pad can be pressed down in two stages.
- The two-stage press-down of printing pad ensures a more perfect printing effect, especially for fine patterns.
- The Y+Z dual-axis servo drive printing pad for forward and backward movement and press down position. The control is through HMI for precise positioning and easy adjustment.
- The HMI digital setting allows for formulas storage, which is no need to do repetitive setup each time; the various printing formulas can be Switched quickly. Printing in different positions and multiple items is fast and convenient.
- Stepper pressure-regulating ink scraping system allows for easy adjustment of the downward pressure position of ink cup.
- High-end version pad printer with precision and stability.
- Servo-driven makes the machine operation smoother and more stable and significantly enhances printing quality.
- 7.0-inch color TFT touch screen
- Built-in 5 languages, English, Indonesian, Vietnamese, Traditional Chinese, and Thai.

Model	Color	Steel Plate (mm)	Printing Area (mm)	Dimension (cm)	Net W.
FC-161ANS	1	L:200 W:90 H:10	Ø50	L:85 W:42.5 H:149 cm	150 KG



https://www.finecause.com/products/category1



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Fine Cause manufactures pad printer and screen printer including standard types and customization. We manufacture a variety of ink cup pad printer, open-tray pad printer, servo motor screen printer, pneumatic cylinder screen printer and customized screen printer.

In the past decade, we have taken part in an extent of customized and precise machinery projects on both pad printing and screen printing including a variety of application fields: printer for plastics, printer for metals, printer for glass, plastic surface printer, metal surface printer, glass surface printer, coin printer, auto-cylindrical bottle printer, SD card printer, MICRO SD card printer, contact lens printer, syringe printer, test tube printer, solder paste printer and touch glass printer, etc.

Our service

Pad Printer

Printing Supplies

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- Hot Stamping Machine
- Other Equipments
- Inks/Solvents/Additives
- Printing Pad Catalog
- OEM Service Related

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