



E JET

Continuous inkjet printer



Easy



Endurable



Economical

simple
easy
reliable
endurable



OUR FEATURES

- LINUX SYSTEM
- MAINTENANCE POP-UP ALERT
- SOLVENT BOTTLE DETECTOR
- 32 DOTS, 5 LINES PRINTING
- FULL COMMUNICATION PORT
- 300 M/MIN SINGLE LINE SPEED, 5X5
- CLEAN NOZZLE WITH ONE BUTTON
- TOTAL CARE SERVICE



Endurable

DURABLE & RELIABLE SYSTEM

- Diaphragm pressure pump and diaphragm vacuum pump, longer life than gear pump
- Adopted main filter, ink filter, return filter, solvent filter and air filter. Can be changed separately to save cost
- 4 magnetic valves to control only
- Totally isolated design for electrical part and hydraulic system
- IP54 stainless steel cabinet, provide full protection against harsh production environment
- Hardened umbilical against tough use

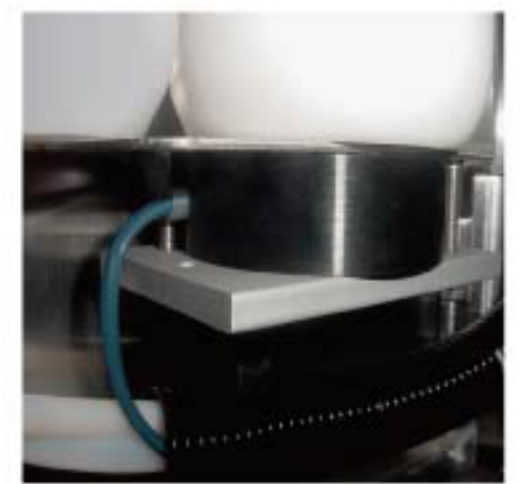


Hydraulic system

Reliable solutions for your coding needs with low cost

LOW PRICE, BUT GREAT PERFORMANCE

- Low cost in both ownership and daily use
- Low maintenance cost for main parts, like pumps, valves etc
- Regular maintenance only changes filters
- User friendly pop-up window to remind changing filters



Magnetic stirrer, pigment

- 42u/55u nozzle size is available, to produce smaller dot when requires. 70u as standard
- Screen saver to be energy-friendly

Economical



SIMPLE DESIGN, EASY USE

- ◆ Head embedded valves for ink on and bleed, to shut ink line immediately when power off
- ◆ Magnetic shielded print head cover
- ◆ Magnifying glass to observe the ink breaking drop shape
- ◆ 4-screws to adjust alignment
- ◆ Separated Charging Electrode
- ◆ Positive air access available, to ensure the print head clean, under dusty environment
- ◆ Distance from print head to print surface 1~30mm
- ◆ Back-up tube at print head
- ◆ L shape head available



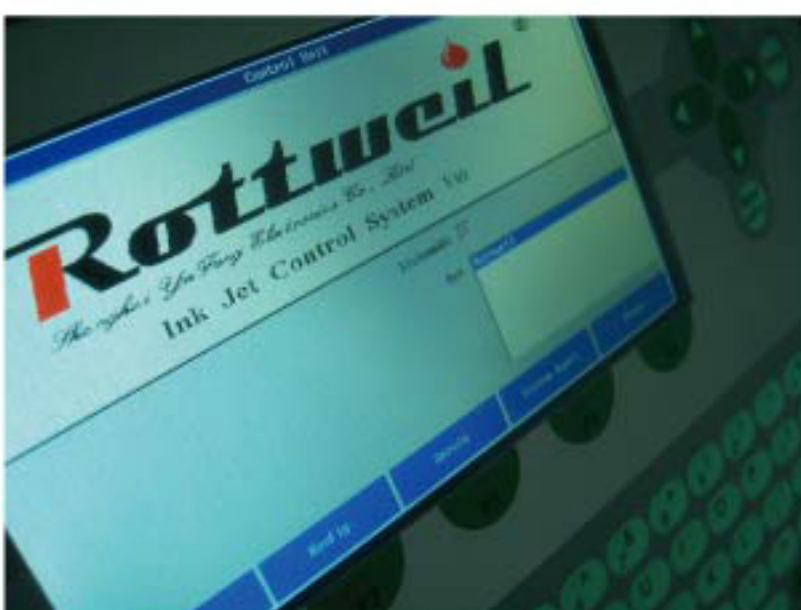
Print head

Easy



USER FRIENDLY SOFTWARE

- ◆ 32 digits embedded LINUX operation system, five CPU chips
- ◆ 7" TFT color screen
- ◆ WYSIWYG type of display
- ◆ Int'l standard QWERT keypad
- ◆ SC hot key to select special characters
- ◆ PRINT MENU hot key to start/stop print instantly
- ◆ INFO hot key to check running history and error list
- ◆ MEDIA hot key to play training videos via USB disk, optional
- ◆ Build-in logo editor to create/edit logos easily at any time you want



Operation panel, LINUX system



DIAPHRAGM PUMP

Diaphragm pump ensures the economical operation and reliable printing capability. Long life and low maintenance cost than gear pump. Overload protection will guarantee no damage at pump even without regular maintenances. Keep high contrast for pigment.



LINUX - USER FRIENDLY

32 digits embedded LINUX operation system, five CPU chips. 7" TFT color screen display. WYSIWYG. Int'l standard QWERT keypad. SC key to select special characters. PRINT MENU hot key to start print. RUN/STOP hot key. INFO hot key. MEDIA hot key.



USB PORT

Save/restore print text & config. Load print text & config to all printers. Load PC created logo to all printer. Upgrading to latest version of software. Play instruction movie clips as training method to operators.

Inkjet Specifications

Interface & Communication

- ◆ 7" TFT color screen, with int'l standard QWERT keypad
- ◆ USB port, to save/restore text & config, to load logos from pc to printers, to upgrade software
- ◆ Ethernet port (10/100MB)
- ◆ RS232/485 port

Electronic & Software Features

- ◆ 32 digits embedded LINUX operation system
- ◆ User friendly interface, WYSIWYG display
- ◆ Storage memory 40MB
- ◆ "RUN/STOP" hot key to start/shut down printer automatically
- ◆ "INFO" hot key to list the history of errors to ease maintenance
- ◆ "PRINT MENU" hot key to activate printing instantly
- ◆ USB/Ethernet software upgrading
- ◆ Pop-up window to remind changing filters in every 2,000 hours
- ◆ Real time and date with calendar
- ◆ Four print mode: High Speed, Standard, Graphic, Multi-line high speed
- ◆ Text format: Horizontal-reverse, Vertical-reverse, Negative, Double Space, Bold, Character Width
- ◆ Defined grid value to move the editing cursors at a certain dot you need
- ◆ 3 counters & 4 shifts, automatically
- ◆ Build-in graphic/logo editing software as standard, full screen
- ◆ OPS(Encoder Direction Recognition & Printing Compensation Function)
- ◆ DMS(Distance Measuring System)
- ◆ Passwords give accesses to different level of users
- ◆ Multi operation language available
- ◆ Instruction/training movie clips play function via USB disk, optional

Printing Features

- ◆ EXP, MFG, Batch No., Logo, Auto/real time/date, Julian date, Shift, Counters, Numbering
- ◆ 32 dots vertically, upto 5 lines printing
- ◆ Multi-fonts available, can be customized upon request
- ◆ Printing speed(single line): 300m/min (5x5)
- ◆ Direct input Arabic/Chinese/Farsi/Russian character with keypad

Hydraulic System

- ◆ Compact design
- ◆ Diaphragm pumps with reliability, longer life, low maintenance cost than gear pump, no direct friction with pigment ink to ensure longer life & high contrast printing, with overload protection
- ◆ Detector in solvent bottle to give alarm when no sufficient solvent

Ink Range

- ◆ Full range of inks available

Certification/Standard approved

- ◆ TÜV/ISO9001
- ◆ CE (EMC, MD&LVD)

Physical Features

- ◆ Printer house/Cabinet: IP54 stainless steel
- ◆ Umbilical hose standard: Length 2,500mm, Diameter 20mm
- ◆ Printer dimension: H550xW330xD320mm
- ◆ Print head dimension: H180xW43xD44mm
- ◆ G.W.: 30KG
- ◆ Power supply: Single phase, 110~220V, 50/60HZ
- ◆ Electrical plug, multi type available
- ◆ Work humidity: max.90% R.H., non-condensing

Optional Accessories

- ◆ Photo sensor
- ◆ Shaft encoder
- ◆ Alarm system, 3 colors

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