New series CIJ Inkjet Printer
Easy coding, simple control

Rottweil® i-jet series CIJ Inkjet Printer is an industrial ink jet printer designed with latest LINUX operation software and most reliable hydraulic system.

Adopted advanced technology, Rottweil® i-jet is a perfect integration of stable performance, easy operation, universal applications with affordable cost, in ownership and operation, to provide you extraordinary easy coding experience on your demand.

- 32 digits embedded LINUX operating system, five CPU chips
- Advanced diaphragm pump, overload protection
- USB flash disk, save/load print message & config easily
- Solvent bottle detector, ensures smooth running
- Pop-up window for regular maintenance (2,000 hours)
- TFT color screen, QWERT int’l standard keypad
- CE / ISO 9001 certified
Inkjet Specification

**Interface & Communication**
- "P"TT color screen, along with int'l standard QWERTY keypad
- USB port - easy upgrading. Easy save/restore of text & config for one or more printer
- Ethernet port (10/100MB)
- RS232/485 port

**Electronic & Software Features**
- 32-bit embedded LINUX operating system
- Five processing chip adopted, multi-tasks operation is available
- User friendly interface, WYSIWYG message/graphic/logo editing
- Storage memory 4ROM
- "RUN/STOP" hot key to start and shut down automatically
- "INFO" hot key to list fault history
- "PRINT MENU" hot key to enter printing menu instantly
- Automatic error diagnosis and error history saved for maintenance purpose
- USB/Ethernet software automatic upgrading
- Pop-up window to remind changing filters after 2,000 hours running
- Real time and date with calendar
- Three print modes: High Speed, Standard, Graphic to meet different applications
- Message format: Horizontal-reverse, Vertical-reverse, Negative, Double Space, Bold, Character width
- Define grid value to move the editing cursors at certain dot
- 3 counters & 4 shifts, automatically
- Graphic/logo editing software integrated as standard, full screen
- OPS (Encoder direction recognition and print compensation function)
- DMS (Distance Measuring System) using encoder signals (from start of print to next start of print)
- Password gives access to different level of users
- Multi-operation languages available
- Movie player available, to put training clips in USB disk, for operators (Optional)

**Printing Features**
- Expiry date, Batch number, Bar codes (EAN 8/13/128, 2/5, INTERCODE 39/128, ITF 14/16, UPC-A/B, EXT 2/5)
- Data matrix, Logos, Automatic date, Julian date, Time, Shift, Incremental numbering, Database printing (Optional)
- Vertical 92 dots maximum
- Character printing height 1mm~15mm
- 4lines of 7x5 printing, 5lines of 5x5 printing
- Direct input Arabic/Chinese/Farsi/Russian characters with keypad
- Printing speed (single line): 230m/min (5ips), 180m/min (7ips)

**Hydraulic System**
- Compact design
- Full automatic pressure control
- Full automatic viscosity control
- Temperature sensor to assist accurate viscosity control under harsh environment
- Diaphragm pumps with reliability, longer life, low maintenance cost than gear pump, no direct friction with pigment ink to ensure longer life & high contrast painting
- No need for compressed air as driven power for pumps
- Pressure pump overload protection, ensure more endureable & long life use
- Electrical control system completely separated design from hydraulic system
- 600ml ink/solvent bottle, easy to refill when printer running
- Detector in solvent bottle to give alarm when lack of sufficient solvent

**Ink Range**
- Full range of inks for alternative applications

**Print Head**
- Magnetic shielded print head cover
- Ink drop observing magnifier integrated
- Positive air access available, to print head to ensure the print head clean, under dustly environment
- Valves embedded design

**Physical Features**
- Printer house/Cabinet: Stainless steel, IP 54
- Umbilical hose/ conduit (standard): Length 2500mm, diameter 200mm
- Printer dimension: H500mmW300mmD200mm
- Print head dimension: H180mmW43mmD44mm
- Gross weight: 93.5KG

**Optional Accessories**
- Photo sensor
- Shaft encoder
- Bracket/Print head stand
- Alarm system, three color green/yellow/red

**Certification/Standard approved**
- TÜV/ISO9001
- CE (EMC, MSD&VOC)

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