CodeCreator

The green Allrounder

inkdustry

Concept

The CodeCreator combines the attractive and easy to use user interface of the CodeCube with the high level ink system of the CodeCenter. This creates a machine, which is extremely environmental friendly with very low emissions and low solvent consumption. In addition it is possible to add 2 stirrer systems, which allow hard pigmented inks to be used within this machine. Together with the standby function, which lets the system automatically do an inkcare procedure every hour, it is possible to use various special purpose inks.

Goals

The idea behind this machine was to create a system, which focuses on standard applications in regards to the print process, but with high requirements in the ink system. Like the CodeCenter, the CodeCreator can run high performance dye based and pigmented inks, and at the same time save huge amount of operational costs by having very low emissions.

Standards

The CodeCreator offers up-to-date standards, which set a new level in its price class. Networking is implemented, remote access through the intranet possible, a USB-Stick can be used to transfer text and configurations. The standard system includes an integrated solvent recovery unit, automatic phasing and viscosity control along with all the other features, which are "state of the art" in the industrial continuous inkjet world.

Innovation

Like the CodeCube, the CodeCreator comprises a user interface, which is implemented language independent by working with graphic symbols only. The complete configuration to a production line can be achieved through one single form which contains all required parameters in a clearly arranged way.

Industry

The device is designed for the rough environments of the industry through protection class IP54. The power supply range is from 80 to 240 volts. The servicefriendly aluminum print head is easy to clean and easy to integrate into any production line.

Realtime-Performance

The XScale print controller that was implemented as the heart of the system works at a speed of 520 MHz under a „Windows-CE" operating system, which guarantees hard real time behavior in combination with powerful software features. 6 mega byte of memory are available for storage of print messages.

Service-Friendliness

The main systems highly transparence hardware architecture provides easy access and is very user friendly. The ink system, which includes the ink and solvent tanks, can be accessed directly through the front door. The electronics are placed in the rear area and can be serviced by folding down the back cover. If necessary, the side doors also can be opened, so that inspection can be done from all sides. This enables the operator and service technicians to complete any necessary service quickly and efficiently.
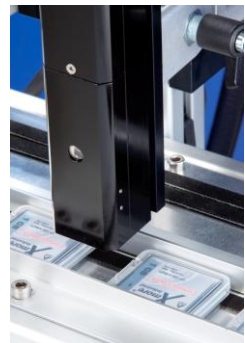
Running High performance Inks at a reasonable price...

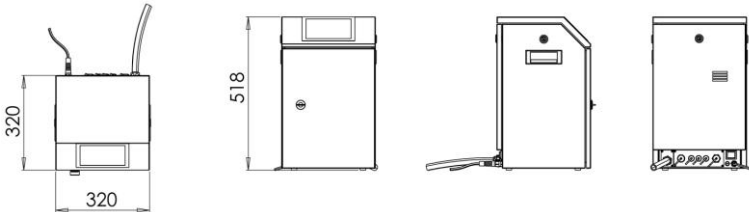.... the CodeCreator is the "green" solution for future oriented applications.

Features

- ☑ Symbol-based Graphic User Interface
- ☑ Easy to use
- ☑ 7" Touch Color-Display
- ☑ Windows CE Operating System
- ☑ Easy data transfer through USB-Stick
- ☑ Remote screen in the intranet
- ☑ Standard interfaces (USB, Ethernet)
- ☑ Graphic WYSIWYG editor
- ☑ Event protocol through USB-Stick
- ☑ Service-friendly 4-Door-System Concept
- ☑ Easy refillable Ink and Solvent Tanks
- ☑ Opt. 2 Stirrer Units for pigmented Inks
- ☑ Integrated Solvent Recovery

Technical Data

Housing:	Stainless Steel, IP54 320 x 320 x 522 mm (W x D x H)
Printhead:	Aluminum, anodized 40 x 40 x 186 mm (W x D x H)
Environment:	Temperature 5-45°C ; Humidity 10-90% non condensing Power Supply 80-240V~ 50/60 Hz
Interfaces:	Ethernet, USB
Printmodes:	5 Dot – 40 Dot Graphic
Printheight:	5 – 12 mm
Memory:	6 MByte
Connectors:	Shaft Encoder, Print Go, 2 Inputs, 2 Outputs (all 24V) 3 Signal Light Outputs

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