

inkdustry



PRODUCTS

& PROJECTS



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Welcome to **ink**dustry

Inkdustry GmbH was founded in April 2005. Based on the longterm experience of the company's founders in industrial inkjet technology, the first own development, the High-end Continuous Inkjet System CodeCenter was launched in 2006. By implementing innovative technologies the system enables solutions, which normally could only be implemented with high efforts and additional equipment. Today we are offering a wide range of products to provide the appropriate solution for your specific coding task.

Within the last ten years the strategic requirements in developing industrial applications are changing fundamentally. While system construction in the past was mainly based on mechanical means, now the priority is changing to software and electronics based systems due to the powerful value of integrated, computer network based production lines. Products are now highly integrated allowing to perform modern technologies like product tracing, high technology logistics and to achieve high standards of quality.

The synchronization of the coding to its environment is playing a huge role in the cost calculation of a coding application. Whether axes movements, camera verification or data base accesses to the company's ERP system are required, with our systems we can offer the suitable platform for a seamless and therefore cost efficient solution.

We offer a full range of innovative developments to provide an integrated concept for your individual requirements.



Features:

- Coloured 7" Touch-Display
- Intuitive User Interface
- Simple Usage
- Compact Size
- Windows CE Operating System
- Remote Screen in Intranet
- Simple Data Transfer through USB-Stick
- Standard Interfaces (USB, Ethernet)
- Integrated Production Statistics
- Intelligent Ink- and Solvent Management
- Up to 24 Pixel Text/Grafic free combinable
- Fast and simple Initial Operation
- Ideal suitable for Standard Coding Applications

CodeRevo

The ideal system for standard applications, engineered and produced in Germany.

Even our basic model has integrated features, which can hardly be found in any other device of its price segment,

Beside the easy and modern operation, which we optimized for the standard applications of coding single products, we have equipped the system with a minimized inksystem, which is perfectly tuned to our quality inks.

Reliable operation of the machine is guaranteed through a USB stick based ink and solvent management.

Of course the system includes a network connection through which production statistics and status visualization in realtime are made available in the company's intranet.

Technical Data:

Housing:	Stainless steel / Aluminium anodized, IP54 224 x 361 x 246 mm (W x D x H)
Printhead:	Stainless steel / Aluminium anodized 42 x 42 x 191 mm (W x D x H)
Environment:	Temperature 5-45°C Humidity 10-90% non cond. Mains 88-264V~ 50/60 Hz / 50W
Interfaces:	Ethernet, USB
Printmodes:	24 Dot Grafic
Printheight:	5 – 8 mm
Memory:	> 300 MByte
Connectors:	Printgo, Incremental encoder, 2 Inputs, 2 Outputs (all 24V), 3 Signal Light Outputs





Features:

- Coloured large 7 inch Touch-Display
- Symbol based Easy Operation
- Easy Handling
- Compact Size
- Windows CE Operating System
- Remote Screen in Intranet
- Easy Datatransfer by USB-Stick
- Standard interfaces (USB, Ethernet)
- Network
- Integrated Production Statistics
- Easy refillable 1 liter reservoirs
- up to 32 Pixel in height Text / Grafic combinable
- Highspeed Modes possible
- Script functionality for complex applications
- High Reliability

CodeCube XL

Userfriendly and ergonomic on a high level at a reasonable price.

Our standard system offers highest quality, reliable standard coding at minimum price with no compromises in regards to operational safety and user friendliness.

The CodeCube XL with its 7 inch display has all, what an inkjet needs. The user interface works with informative symbols. The menu operation is clearly structured without complicated trees. Settings can be done with a few clicks through the comfortable user interface.

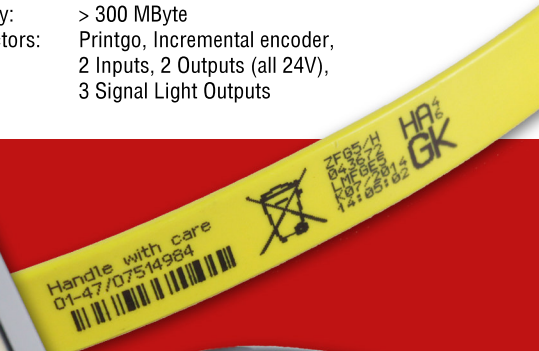
Print text design is fully grafically with up to 32 pixel in height. Beside the quality printmodes, also highspeed printmodes can be installed.

By using a usb-stick, text and configurations can be transfered easily. The network connection which is integrated as standard, allows easy integration into the company intranet.

To achieve a safe operation, our standard model comprises exclusively high quality parts.

Technical Data:

Housing:	Stainless steel, IP54, IP65 320 x 347 x 312 mm (W x D x H)
Printhead:	Aluminium, anodized 40 x 40 x 186 mm (W x D x H)
Environment:	Temperature 5-45°C Himidity 10-90% non cond. Mains 80-240V~ 50/60 Hz
Interfaces :	Ethernet, USB
Printmodes:	5 Dot – 32 Dot Grafic
Printhead:	5 – 12 mm
Memory:	> 300 MByte
Connectors:	Printgo, Incremental encoder, 2 Inputs, 2 Outputs (all 24V), 3 Signal Light Outputs





Features:

- Large coloured 7 inch Touch-Display
- Symbol based Easy Operation
- Easy Handling
- Compact Size
- Windows CE Operating System
- Remote Screen in Intranet
- Easy Datatransfer through USB-Stick
- Standard interfaces (USB, Ethernet)
- Integrated Production Statistics up to 48 Pixel in height Text / Grafic combinable
- Highspeed Print-Modes
- Script functionality for complex applications
- High Reliability
- Service-friendly 4-Door Concept
- Easy refillable Ink- and Solvent Tanks
- Integrated Solvent Recovery System for low consumption and emissions
- Optional pigmented system with 2 stirrers

CodeCreator

Our „green“ system with low emission values.

The CodeCreator includes all state-of-the-art features. It combines the attractive and easy to operate user interface of the CodeCube with the high end inksystem of the CodeCenter.

New standards are set by simple maintenance through the 4 door concept and the integrated solvent recovery system. Through this, a machine has been created, which is very environment friendly through low emissions and minimum solvent consumption.

Additionally, the printer can be equipped with 2 optional stirrer systems, allowing the operation of hard pigmented, high contrast inks. Together with the standby-function which starts an ink care procedure every hour, the widest range of special inks can be run in the machine.



Technical Data:

Housing:	Stainless steel, IP54 320 x 320 x 522 mm (W x D x H)
Printhead:	Aluminium, anodized 40 x 40 x 186 mm (W x D x H)
Environment:	Temperature 5-45°C Humidity 10-90% non cond. Mains 80-240V~ 50/60 Hz, 100W
Interfaces :	Ethernet, USB
Printmodes:	5 Dot – 40 Dot Grafic
Printheight:	5 – 12 mm
Memory:	> 300 MByte
Connectors:	Printgo, Incremental encoder, 2 Inputs, 2 Outputs (all 24V), 3 Signal Light Outputs





Features:

- Large coloured 12,1 inch Touch-Display
- Freely Selectable Display Mounting
- Comfortable User Interface
- Windows Embedded 8 Operating System
- Easy Installation of Windows Components
- Simple memory expansion through USB-Port
- Remote diagnostic
- Event Protocol System
- Standard Interfaces (USB, serial, Ethernet)
- Up to 48 Pixel Grafic
- Various Print Modes
- High Reliability
- Service-friendly 4-Door Concept
- Integrated Solvent Recovery System for low usage and emissions
- Advanced Script Functionality for complex applications
- Robots and Axes-control, Camera, Database applications possible
- Continuous Protocoll of all Inksystem Data
- Easy refillable 1 Liter reservoirs
- Optional pigmented system with 2 stirrers
- Internet connection for Remote Control

Technical Data:

Housing:	Stainless steel, IP54
Horizontal:	320 x 320 x 616 mm (W x D x H)
Vertical:	320 x 320 x 731 mm (W x D x H)
Printhead:	Aluminium, anodized
Environment:	Temperature 5-45°C Humidity 10-90% non cond. Mains 80-240V~ 50/60 Hz / 100W
Interfaces:	Ethernet, USB, RS232
Printmodes:	5 Dot – 48 Dot Grafic
Printheight:	5 – 12 mm
Memory:	> 15 GByte, expandable
Connectors:	Printgo, Incremental encoder, 8 Inputs, 4 Outputs (all 24V)



Features:

- Common 12,1 inch Touch-Display and per head 3,5 inch Touch-Display
- Comfortable User Interface
- Windows Embedded 8 Operating System
- Easy installation of Windows components
- Simple memory expansion through usb port
- Remote diagnostic
- Event protocol system
- Standard Interfaces (USB, RS232, Ethernet)
- 48 Pixel Grafic
- Various Print Modes
- High Reliability
- Integrated Solvent Recovery System for low usage and emissions
- Advanced Script Functionality for complex applications
- Robots and Axes-Control, Camera, Database applications possible
- Continuous Protocol of all Inksystem Data
- Service friendly 5-Door System Design
- Easy refillable 1 Liter reservoirs
- Optional pigmented system with 2 stirrers
- Internet Connection for Remote Control



CodeCenter 2

Technical Data:

- Housing: Stainless steel, IP54
320 x 320 x 626mm (W x D x H)
- Printhead: Aluminium, anodized
40 x 40 x 186 mm (W x D x H)
- Environment: Temperature 5-45°C
Humidity 10-90% non cond.
Mains 80-240V~ 50/60 Hz, 100W
- Interfaces: Ethernet, USB, RS232
- Printmodes: each printhead: 5 Dot – 48 Dot Grafic
- Printheight: 2 x 5 – 12 mm
- Memory: > 15 GByte, expandable
- Connectors: each printhead: Printgo, Incremental encoder
8 Inputs, 4 Outputs (all 24V)



Intranet

Intranet

With our inkjets you can take a quick look on the machine even if you are not directly at the production line



With the standard web interface you can use any smart device or computer in the intranet to view the status of the machine.



Production History

Our systems are recording production process statistics, which can be viewed in the intranet through a web browser, showing breaks or downtimes of the production line.

Transparency is the basis for EFFICIENCY.

Camera

Optionally all CodeCube, CodeCreator and CodeCenter-models can be equipped with a camera system, which constantly monitors the printout.

This way, you have ONE system, which prints and also monitors, therefore all settings are made from the terminal of the printer.



Peripherals

Robot



The user interface which we have integrated into the CodeCenter allows direct control of an adept robot system of the viper series.

The easy to use graphic interface includes all elements, that are required to learn different positions, set up configurations and control the movement.



Data Print

Using the Database Print Software, it is possible to control up to 16 printheads, which can process up to 20 prints per second each.



With 1.1 million printed datasets per seconds, even high end requirements can be achieved. Files with several million datasets can be loaded and processed.geladen werden.

A detailed protocol is recorded, which gives information which data was printed at what time and printhead.



Axes Control

The CodeCenter has special outputs, which can control up to two axes systems.

The control logic can be adapted customer specific. The parameters are simply stored within the configuration. This allows all printer and axes parameters to be switched with a single action.



Produktion
Erfolg **100** %
Qualität
Produktion
Lösungen
Kreativität
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Präzision
Technologie
Innovation
Erfolg
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Qualität
Technologie
Engineering
Production
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