



The future of product marking

Made in Germany

See for yourself



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EOS1 / EOS4 label printers



For label rolls up to 155 mm Ø

For label rolls up to 210 mm Ø

■ Standard □ Option

One concept - two sizes

The EOS series combines all functions of a solid label printer with highest ease of operation.
EOS1 is the compact for small work space. For label rolls up to 155 mm diameter.
EOS4 for label rolls up to 210 mm diameter. Further technical data are identical with EOS1.
The touchscreen LCD display is clearly designed for highest ease of use.



Label printer		EOS1		EOS4	
Print head	Printing method	Thermal transfer/Thermal direct			
	Print resolution dpi	203	300	203	300
	Print resolution dpi	125	125	125	125
	Print width up to mm	108	105,7	108	105,7
Material	External diameter up to mm	155	155	210	210
	Label width mm	10 – 116			
	Label height mm	5 – 1000			
Ribbon	Ink	outside or inside			
	Length up to m	360			
Dimensions	Height x Depth x Width mm	189 x 322 x 253		245 x 412 x 264	
Electronics	Processor speed MHz	400			
	(RAM) MB	64			
	Memory IFFS MB Flash	16			
Interfaces	USB 2.0 Full Speed device for PC	■			
	Ethernet 10/100 Base T	■			
	3x USB Host for keyboard, scanner, USB stick, WLAN, Bluetooth, Service key				
Accessories	Cutter	□		□	
	External unwinder	□*		□*	
	Brake for fanfold labels	□*		□*	
	Demand module	—		□	
	Battery pack	□		□	

* not with battery pack

Mobile printing

In production, warehousing or agriculture, wherever labels are required and access to electrical connection is missing. The EOS battery pack 2 allows the printing of more than 500 labels per charge for a label size of 100 x 68 mm at colour coverage of 15%. With battery pack 4 the capacity is doubled.

MACH4 label printer



With tear-off plate

With dispense function

With cutter

The versatile

It offers all the features of a high class industrial printer with a wide application range. Labels and ribbons can be inserted from the front. The print mechanism and housing are made of premium materials and are perfectly harmonized in their form and function. Easy and comfortable handling and high reliability were the requirements during development. The large display with white backlight offers optimum readability. The navigation pad with the additional “Enter” button simplifies operation, with only the operated functions being displayed.

Label printer		MACH4		
Print head	Printing method	Thermal transfer / Thermal direct		
	Print resolution dpi	203	300	600
	Print speed up to mm/s	200	200	100
	Print width up to mm	104	105,6	105,6
Material	External diameter up to mm	205		
	Label width mm	6–116		
	Label height mm	5–4500		
Ribbon	Ink	outside or inside		
	Length up to m	360		
Dimensions	Height x Depth x Width mm	312 x 435 x 240		
Electronics	Processor speed MHz	266		
	(RAM) MB	64		
	Memory IFFS MB Flash	8		
	Slot for CF card type I	■		
	Slot for wireless LAN card	■		
Interfaces	Centronics bidirectional	□		
	RS232 C	■		
	USB 2.0 High Speed device for PC	■		
	Ethernet 10/100 Base T	■		
	WLAN card 802.11 b/g	□		
	2x USB host for keyboard, scanner, USB stick, service key			
Accessories	External rewinder	□		

A+ label printers



The sleek - for small labels with high printing accuracy

The universal - Our top-seller with an extensive range of accessories.

The all-rounder

The A+ series is ideal for solving practically any marking task. With a broad range of peripherals, accessories and software, our printers can be adapted to meet any requirements. During development, we focused first and foremost on simple and convenient operation coupled with high reliability.

The printing units and housing are made of high-quality materials and are perfectly matched. The A+ series is always a safe option - for stand-alone operation in conjunction with PC/label software or for network operation linked with SAP.



Basic version
with tear-off plate



Dispensing version
with internal rewinder
of liner

Label printer		A2+		A4+		
Print head	Printing method	Thermal transfer/Thermal direct				
	Print resolution dpi	300	600	203	300	600
	Print speed up to mm/s	150	100	250	250	100
	Print width up to mm	54,2	57	104	105,6	105,6
Material	External diameter up to mm	205		205		
	Label width mm	4–63		20–116		
	Label height mm	4-5000	4-2000	4-5000	4-4000	4-1000
Ribbon	Ink	outside or inside				
	Length up to m	500				
Dimensions	Height x Depth x Width mm	274 x 446 x 190		274 x 446 x 242		
Electronics	Processor speed MHz	266				
	(RAM) MB	64				
	Memory IFFS MB Flash	8				
	Slot for CF card type I	■				
	Slot for wireless LAN card	■				
Interfaces	Centronics bidirectional	□				
	RS232 C	■				
	USB 2.0 High Speed device for PC	■				
	Ethernet 10/100 Base T	■				
	RS422, RS485	□				
	Peripheral connection	■				
	WLAN card 802.11 b/g	□				
	2x USB Host for external operation panel, keyboard, scanner, service key, USB-stick					
Accessories	Barcode tester	□		□		
	Cutter	□		□		
	Perforation cutter	—		□		
	Stacker with cutter	—		□		
	External rewinder	□		□		
	External unwinder	□		□		
	Applicators	□		□		

A⁺ label printers



The wide - ideal for Odette and UCC labels

The extra wide - for pallet and drum labeling

From narrow to extra-wide

The wide variety of the A⁺ series matches its versatility in operation. The A⁺ label printer is available in print widths ranging from 4 mm to 216 mm. This enables the production of extremely narrow and very wide labels with an excellent print resolution of 200, 300 and 600 dpi. The print speed ranges from 100 to 250 mm/s depending on the model you choose, ensuring faster throughput times and thus lower process costs!

Label printer		A6+		A8+
Print head	Printing method	Thermal transfer/Thermal direct		
	Print resolution dpi	203	300	300
	Print speed up to mm/s	200	200	150
	Print width up to mm	168	162,6	216
Material	External diameter up to mm	205		205
	Label width mm	46–176		46–220
	Label height mm	6–4000	6–3000	10–2000
Ribbon	Ink	outside or inside		
	Length up to m	500		360
Dimensions	Height x Depth x Width mm	274 x 446 x 302		274 x 446 x 352
Electronics	Processor speed MHz	266		
	(RAM) MB	64		
	Memory IFFS MB Flash	8		
	Slot for CF card type I	■		
	Slot for wireless LAN card	■		
Interfaces	Processor speed MHz	□		
	RS232 C	■		
	USB 2.0 High Speed device for PC	■		
	Ethernet 10/100 Base T	■		
	RS422, RS485	□		
	Peripheral connection	■		
	WLAN card 802.11 b/g	□		
2x USB Host for external operation panel, keyboard, scanner, service key, USB-stick				
Accessories	Barcode tester	□		–
	Cutter	□		□
	External rewinder	□		□
	External unwinder	□		□
	Applicators	□		–

A4⁺ M and XD4 label printers



With centered material guide

For double-sided printing

■ Standard □ Option

For challenging surfaces

Preferred for small and thick endless materials like flattened tubes, tapes or very small labels. There is no need to adjust the print-head for different width of material. For difficult to print materials the print speed can be reduced. The XD4 can print both sides simultaneously. Operation and control are compatible with the A⁺ series.

Label printer		A4+ M		XD4
Print head	Printing method	Thermal transfer/Thermal direct		Thermal transfer
	Print resolution dpi	300	600	300
	Print speed up to mm/s	125	100	125
	Print width up to mm	105,6	105,6	105,6
Material	External diameter up to mm	205		300
	Label width mm	4 – 106		–
	Label height mm	5 – 4000	5 – 1000	–
Ribbon	Ink	outside or inside		
	Length up to m	500		360
Dimensions	Height x Depth x Width mm	274 x 446 x 242		395 x 554 x 248
Electronics	Processor speed MHz	266		
	(RAM) MB	64		
	Memory IFFS MB Flash	8		
	Slot for CF card type I	■		
	Slot for wireless LAN card	■		
Interfaces	Centronics bidirectional	□		
	RS232 C	■		
	USB 2.0 High Speed device for PC	■		
	Ethernet 10/100 Base T	■		
	RS422, RS485	□		
	Peripheral connection	■		
	WLAN card 802.11 b/g	□		
	2x USB Host for external operation panel, keyboard, scanner, service key, USB-stick			
Accessories	Cutter	□		
	Perforation cutter	□		
	Stacker with cutter	□		
	External rewinder	□		
	External unwinder	□		

A4+ T and XD4T label printers



Single-sided printing of textile materials

For double-sided printing of textile materials

■ Standard □ Option

For textile materials

Particularly suitable for textile materials. The additionally installed drive roller after the printhead enables the textile material to be reliably separated from the transfer ribbon. The print speed for difficult to print materials is reducible. No adjustment of the printhead for different widths of material.

The XD4T prints on the front and rear side simultaneously.

Label printer		A4+ T	XD4T
Print head	Printing method	Thermal transfer	
	Print resolution dpi	300	
	Print speed up to mm/s	125	
	Print width up to mm	105,6	
Material	External diameter up to mm	205	300
	Label width mm	4 – 106	–
	Label height mm	5 – 4000	–
Ribbon	Ink	outside or inside	
	Length up to m	500	360
Dimensions	Height x Depth x Width mm	274 x 446 x 242	395 x 554 x 248
Electronics	Processor speed MHz	266	
	(RAM) MB	64	
	Slot for CF card type I	8	
	Slot for CF card type I	■	
	Slot for wireless LAN card	■	
Interfaces	USB 2.0 High Speed device for PC	■	
	Ethernet 10/100 Base T	■	
	Peripheral connection	■	
	WLAN card 802.11 b/g	□	
	2x USB Host for external operation panel, keyboard, scanner, service key, USB-stick		
Accessories	Cutter	□	
	Perforation cutter	□	
	Stacker with cutter	□	
	External rewinder	□	
	External unwinder	□	

XC4 / XC6 label printers



■ Standard □ Option ○ Possible

For two-color printing

Two in-line arranged thermal transfer print units are printing one label simultaneously with two colors. Due to the ribbon saver at one print unit the ribbon consumption of the additional colored ribbon is reduced. The XC series meets the conditions for the Classification and Labeling Inventory according to GHS. Large label rolls up to a diameter of 300 mm can be converted. The two print units with ribbon holder, operation panel and electronics are adopted from the proven A⁺ series.

Label printer		XC4	XC6
Print head	Printing method	Thermal transfer	
	Print resolution dpi	300	
	Print speed up to mm/s	125	
	Print width up to mm	105,6	162,6
Material	External diameter up to mm	300	
	Label width mm	20 – 116	46 – 176
	Label height mm	20 – 2000	20 – 1500
Ribbon	Ink	outside or inside	
	Length up to m	360	
	Ribbon saver printhead 2	■	
Dimensions	Height x Depth x Width mm	395 x 554 x 248	395 x 554 x 358
Electronics	Processor speed MHz	266	
	(RAM) MB	64	
	Memory IFFS MB Flash	8	
	Slot for CF card type I	■	
	Slot for wireless LAN card	■	
	2x USB Host for external operation panel, keyboard, scanner, service key, USB-stick	□	
Interfaces	USB 2.0 High Speed device for PC	■	
	Ethernet 10/100 Base T	■	
	Peripheral connection	■	
	WLAN card 802.11 b/g	□	
	2x USB Host for external operation panel, keyboard, scanner, service key, USB-stick	□	
Accessories	Cutter	□	□
	Perforation cutter	○	–
	Stacker with cutter	□	–
	External rewinder	□	□
	External unwinder	□	□

Accessories A⁺ and X-series



Cutter CU and PCU

Reliability that "fits"

The comprehensive peripherals in the A⁺ series enable these printers to tackle virtually any task, allowing them to demonstrate their reliability in any environment involving tough continuous operation.

Customized handling

Labels can either be cut or perforated. Various dispense adapters enable either automatic or manual dispensing. These labels can also be rewound for the next processing step. For integration into a production line, we offer an applicator for semi-automatic printing and applying.



Stacker with cutter



Tester for linear and 2D barcodes



Internal rewinder



External rewinder



Applicator A1000



Applicator A3200



External unwinder



All-round print and apply system



Dispensing module with dispensing adapter PS5



Dispensing labels

Hermes+ label printers



■ Standard
 □ Option

For industrial operation

Hermes+ is designed for automated print and apply processes in production lines. Different applicators allow the label to be applied via roll-on, blow-on or tamp-on to a product or packaging.



Dispensing to the left
 Dispensing to the right

Label printer		Hermes+2		Hermes+4			Hermes+6	
Print head	Printing method	Thermal transfer/Thermal direct						
	Print resolution dpi	300	600	203	300	600	203	300
	Print speed up to mm/s	150	100	250	250	100	200	200
	Print width up to mm	54,2	57	104	105,6	105,6	168	162,6
Material	External diameter up to mm	205 / 305						
	Label width mm	4 – 58		10 – 114			50 – 174	
	Label height mm	4 – 200		8 – 250			25 – 250	
Ribbon	Ink	inside or outside						
	Length up to m	500						
	Ribbon saver	–		■			□	
Dimensions	Height mm	Label roll Ø 205 mm	400					
		Label roll Ø 305 mm	538					
	Depth mm	Label roll Ø 205 mm	400					
		Label roll Ø 305 mm	518					
	Width mm	200		255			315	
	Electronics	Processor speed MHz	266					
(RAM) MB		64						
Memory IFFS MB Flash		8						
Slot for CF card type I		■						
Slot for wireless LAN card		■						
Interfaces	Centronics bidirectional	□						
	RS232 C	■						
	USB 2.0 High Speed device for PC	■						
	Ethernet 10/100 Base T	■						
	RS422, RS485	□						
	2x USB Host for external operation panel, keyboard, scanner, service key							
	Connection warning light	■						
	Digital I/O interface	■						
	cab applicator connection	■						
	Connection for external emergency stop	■						
	Connection compressed air	■						
	Accessories	Applicators	□					

Applicators for product marking



3214
Swing applicator

4114
Stroke applicator

4214
Stroke-turn applicator

4414
Stroke applicator

4514
Swing-stroke applicator

4714
Flag applicator

Labels may be precisely applied in real time on the product from all sides. According to the type of applicator the product is either in or not in motion.

Applicators for package marking



3014
Front-side applicator

4014
Stroke applicator

4614
Stroke blow applicator

5114
Demand module

5314
Vacuum-belt applicator

6014
Air-jet-box

For real-time labeling on packaging or products. According to the type of pad the product is either in or not in motion. Labels may be applied from all sides.

PX4/PX6 label printers



■ Standard □ Option

Robust and precise

The PX print engine is designed for full automated operations. The PX module prints and applies in any position, so it can be easily integrated in any production line. The print mechanics are mounted in a solid and rigid case. The PX print engine is offered as left or right version and 200 / 300 / 600 dpi print resolution, and can be used for thermal direct or thermal transfer printing with ribbon saver offered as an option. All spare parts are quick and easy to replace. The print engine footprint is the industry standard 5-bolt configuration compatible with the other manufacturers.

All PX print engines are in right and left hand versions available.

Label printer		PX4			PX6	
Print head	Printing method	Thermotransfer/Thermodirekt				
	Print resolution dpi	203	300	600	203	300
	Print speed up to mm/s	300	250	100	200	200
	Print width up to mm	104	105,6	105,6	168	162,6
Material	Label width mm	10 – 116			50 – 174	
	Label height mm	6-5000	6-4000	6-1000	12-4000	12-3000
Ribbon	Ink	innen oder außen				
	Length up to m	600				
	Ribbon saver	□				
Dimensions	Height x Depth x Width mm	300 x 333 x 245			300 x 393 x 245	
Electronics	Processor speed MHz	266				
	(RAM) MB	64				
	Memory IFFS MB Flash	8				
	Slot for CF card type I	■				
	Slot for wireless LAN card	■				
Interfaces	Centronics bidirectional	□				
	RS232 C	■				
	USB 2.0 High Speed device for PC	■				
	Ethernet 10/100 Base T	■				
	RS422, RS485	□				
	WLAN card 802.11 b/g	□				
	Wireless Bridge 802.11b	□				
	2x USB host for external operation panel, keyboard, scanner, service key, USB stick					
	Digitale I/O interface (cab or OEM version)					■



Label dispenser HS / VS

HS60+



VS120



VS180+



Precise label dispensing for a great price

The new label dispensers succeed through easy handling and affordability. cab offers two designs for dispensing in correct position:

- the HS dispenses the label horizontal - bottom leading
- the VS dispenses the label vertical - top leading

The basic version is made for automatic operation. After removal of the label the next label is dispensed automatically.

The „+“ models have an additional operation panel with the following functions:

- Dispensing label automatically or on demand
- Slow or fast feed rate
- Label counter from 1 - 9,999
- Peripheral connection utilizing an external signal for „dispensing on demand“.

The dispensers are available in three different widths. Max. width for narrow labels up to 60 mm, medium labels up to 120 mm and large labels up to 180 mm.

The label dispenser with 180 mm width is only available in the „+“ version.

Common technical data		HS/VS		HS+/VS+	
Label dispensing speed up to mm/sec		200			
Dispensing direction		HS horizontal / VS vertical			
Label orientation		HS bottom leading / VS top leading			
Labels		on rolls, standard or die cut, fan-folded optional			
Material		Paper, textiles, plastics also transparent			
Label roll:	total diameter up to mm	200			
	Core diameter mm	38 - 76			
	Weight max. kg	4			
	Winding direction	outside or inside			
Rewinder					
Liner	total diameter up to mm	155			
Label sensor					
Scanning	leading edge of label	microswitch trigger with photocell			
Position of scanning		leading edge of the label			
Adjustable distance to leading edge mm		5 - 55			
Pre-dispense:	peel-off plate sensor mm	4 - 18			
Operation					
Selector switch	automatic peel-off or on-demand peel-off	-			■
Control button	peel-off on-demand	-			■
Selector switch	feed supply rate	-			slow / fast
LCD display	label counter	-			1 - 9999
Control button	reset label counter	-			CLR
Display	dispensing via external signal	-			■
Interface					
Peripheral connection for peel-off on-demand via external signal		-			■
Operating data					
Power supply		100 - 240 V ~ 50/60 Hz			
Power consumption		max. 30 W / 5 W			
Temperature / humidity:	operation	+5 - 40°C, / 10 - 85% not condensing			
	storage	+0 - 60°C, / 20 - 80% not condensing			
	transport	-25 - 60°C, / 20 - 80% not condensing			
Noise level		< 60 dB			
Approvals		CE, FCC class A, CB, CCC, UL			
Device specific dimensions		HS/VS60	HS/VS120		HS/VS180
Label dimensions					
Width of labels	including liner mm	8 - 65	20 - 120		80 - 180
Height of labels	one-wide mm	5 - 300	8 - 600		20 - 600
	multi-wide mm	5 - 110	8 - 110		20 - 110
Hardware dimensions					
Height x depth x width without material mm		250 x 360 x 180	250 x 360 x 230		250 x 360 x 300
Weight kg		3.3	3.6		4.0

Fiber laser FL10+ / FL20+ / FL30+



Innovative, economic, most precise and fast – the new fiber lasers from cab


Industrial laser marking

The new fiber lasers FL⁺ mark with highest beam quality, most precise and fast on metals and plastics. Maximum output power is 30 Watts.

The marking software cablase, a graphic user interface, belongs to the standard delivery contents. For more complex customer applications the software offers a programming interface.

The laser is connected via Ethernet to the local network or control PC. To connect peripherals a further Ethernet, RS-232 and USB port are available.

For the integration in automated production lines a digital- and E-Stop interface are implemented.

Fiber laser		FL10+	FL20+	FL30+
Jet source	cw laser output up to	10 Watt	20 Watt	30 Watt
	Pulse energy	0,5 mJ	1 mJ	1 mJ
	Laser type	Ytterbium fiber laser, pulsed		
	Cooling	air-cooled		
	Wave length	1064 nm		
	Jet quality M²	< 1,8		
	Pulse width	80 – 120 ns		
	Pulse repetition frequency	20 – 80 kHz		
	Pilot laser	650 nm / 1 mW / Laser class 2		
	Laser safety class	4		
	Length of fiber connection	2,5 m	2,5 m	2,5 m
Scan head	Mounting	in horizontal or vertical direction		
	Scan speed	up to 5.000 mm/s		
Interfaces	PC connection	TCP/IP		
	Periphical connection	TCP/IP, RS232, USB		
	Laser control interface for	ready, start/end of labeling process, laser emission/Shutter/chamber interlock		
Operation	Operating voltage	100 – 240 VAC / 50 – 60 Hz		
	Operation consumption	350 Watt	450 Watt	550 Watt
	Operating temperature	5 – 40° C		
	Humidity	15 – 90%, not condensing		
Dimensions and weight				
Control	Height x Width x Depth	178 x 420 x 420 mm		
	Weight	17 kg		
Scan head	Height x Width x Depth	110 x 170 x 330 mm		
	Weight	8 kg		
Plane lens system F-Theta		100	160	254B
	Focal length mm	138±2	204±2	313±2
	Field size mm 	60 x 60	112 x 112	180 x 180
	Spot ø µm	~25	~35	~50
	△ resolution dpi	1000	735	500

Fiber laser peripherals



Laser safty housing LSG 100

Label Marker

Innovative solutions for product identification

The laser safety housing LSG100 is the industrial solution to laser mark parts in series according to laser class 1. Laser source and control PC are integrated in the base frame. Keyboard and monitor are installed in an ergonomic way on a manipulator. LSG100 offers as standard a pneumatic operation door and a numeric Z-axis. Rotary axis and further linear axes are available as an option.

The laser label marker LM enables to precisely mark and cut labels with different sizes out of continuous material without any additional costs for tooling. After marking the labels can be separated via cutter or rewound by using an external rewinder.

Laser marking systems	LSG 100-FL	LM-FL Label Marker
Housing	Sheet steel painted	Aluminum/sheet steel
Laser safety class	Class 1	Class 1
Dimensions L x W x H mm	1120 x 1000 x 2280	802 x 440 x 520 (730)
Weight ca. kg	450	22 (without Laser)
Laser safety window H x W mm	100 x 200	50 x 100
Installation options	2 x 19", 4U installation frame for PC laser	—
Interior lighting	■	■
Focusing device	■	—
Suction guide DN 50	■	■
Service door open/close	pneumatic	manual
Numerical Z-axis lift mm	500	—
Control panel	PLC	Microcontroller
Power supply	100–240 VAC 50/60 Hz	



Label software cablabel® S3

NEW



The goal of cablabel® S3 is to concentrate the label design, print control and monitoring of all cab marking systems into one software package. The software will also be in sync with future developments of new devices and features.

Highlights

cablabel® S3 features the full potential of the cab devices like no other available software: the software utilizes the JScript code to the full extent. cablabel® S3 Pro can imports existing JScript files, so you can switch over from R2+ seamlessly. With the new layer technology the user designs a label which works for all established devices and resolutions. The intelligent print control evaluates the device and label parameters to reduce possible sources of error.

cablabel® S3 also maximizes the integration of database connections via Database Connector. After designing the label, the software provides all files to be stored within the printer for data base connections.

The software also supports the stand-alone feature as well using the same method. In Addition the software creates interfaces which are easy to handle for the connection to SAP or other peripheral devices like SPC, scales and bar code testers.

Products

Every company designs and formats their label differently. For example, label creation and production are executed by different employees. To adopt the software package to your needs, cab offers different software packages:

cablabel® S3 Lite is offered free of costs with every cab printer and allows you to create and print labels. With cost-saving cablabel® S3 Pro you create label designs for technical solutions.

cablabel® S3 Viewer shows the preview of a label in the Windows Explorer and is delivered free of costs with every cablabel® S3. The Viewer may support you for showing examples during the approval processes or supplier requirements. cablabel® S3 Print is provided for users in production or warehouse. The user interface is simplified and makes only those functions available which are required for label printing: You select the label in a list and get the layout for visual control. Then you enter the variable information and the amount you want to print. This simplifies your work and reduces possible sources of error.

Other products like cablabel® S3 Pro Laser, Print Laser und Print Server are in preparation.

Integration



No printer is isolated – in a productive environment it is connected to other equipment or networks for control and monitoring. cab offers various possibilities to integrate the printer into your environment.

Control

Every cab printer can be directly coded with the simple programming language *JScript* and an extensive instruction set. The label software *cablabel® S3* supports optimally *JScript*, but a *JScript* program may also be created with any text editor.

As an integrated element of the firmware, the *abc Basic compiler* enables the printer to process data via BASIC programming before it is sent for print editing. That way, you replace external printer languages or integrate data from other systems, e.g. balance or a PLC.

In the stand-alone operation with additional network connection, the *Database Connector* enables printers to access data directly from a central ODBC-, OLEDB compatible database and to print it as a label.

In cooperation with SAP cab developed the so-called *replace method* to control cab printers quickly and easily from SAPScript using SAP R/3. Using the replace method the host computer only sends the *JScript* variable, respectively changed data to the printer.

As a Silver Level partner in SAP's Printer Vendor Program, cab has access to the SAP development environment for optimum printer support in SAP environments.

The *Programmer's guide* explains and describes commands for different printer models via direct programming with *JScript* and *abc* and additionally the connection of the printer to databases via *Database Connector*.

For the printer control via PC drivers are available for established Windows operating systems, and CUPS-based drivers for Mac OS X and Linux. The drivers ensure optimal stability on your operating system.

Monitoring

Using standard programs such as the web browser or FTP clients, the integrated HTTP and FTP server enables print monitoring, configuration, firmware updates and memory card administration. Status, warning and error messages are sent to administrators or users as e-mails or SNMP datagrams via SNMP and SMTP clients. A time server is used to synchronize time and date.

Stand-alone operation

Our printers are able to print without connection to a desktop computer. Stand-alone operation is the ability to print labels even if the printer is not connected to the host system.

* SAP is a registered trademark of SAP AG.

High quality print image with cab ribbons



Consistently good print quality and field-tested choice of colors for your labels.

Why choose ribbons from cab?

With more than 20 types of ribbon for narrow or wide labels, for product marking or type plates, cab offers you the right solution for every application. Tailored specifically to cab printers, our ribbons offer consistently high quality. But that's not all. The trailer is also perfectly matched with our equipment, thus avoiding the misprints or damage to the print head caused by long or metallized trailers.

Wax ribbons

These ribbons are ideal for fast and economical printing on vellum and coated paper. They produce high-contrast, sharp and clear labels with a very high density provided that smudge resistance is not a top priority.

Resin/wax ribbons

These ribbons are highly recommended as they offer a wealth of opportunities for chromated or coated papers as well as plastics. They exhibit higher scuff and scratch resistance than pure wax ribbons while offering the same density.

Resin ribbons

Above all, these ribbons offer excellent resistance against scratching, extreme temperatures and solvents. They are therefore used primarily for plastics, even with coated surfaces. Our B110CX ribbons even comply with UL and CSA standards. Ribbons resistant to washing and ironing are also available on request.

Customized ribbons

We can supply colored ribbons (wax, resin/wax, resin) on request. They exhibit the same characteristics as black ribbons. Resin ribbons are also available in gold and silver. They are designed primarily for high-quality decorative labels.

Precise printing with cab labels



No matter what your requirements, we have the right label.

Labels and ribbons

Do you always expect full adhesive strength and flawless surfaces? So do we! cab labels and ribbons are available in all popular qualities and dimensions. They are also available in small quantities and at very low cost direct from stock. cab also caters to other requirements, such as customized labels with a company logo, etc.

Paper white, slightly glossy, 80 g/m²

The applications of this material include address labels and general marking of goods and products in industry, logistics, distribution and service sectors. This material has a high white intensity combined with a permanent adhesive and works well with all cab printers.

Polyester white dull

Ideal for the individual marking of stored goods, warehouse storage locations, indoor and outdoor areas, high-risk areas and many more applications. This high-quality polyester material ensures a clean and professional look. It is highly resistant to tearing, dirt, water and oil and can withstand temperatures from -20° C up to 80° C.

Polyester silver dull

This label type is perfect for label printers working in a high resolution! It delivers high-quality product type plates and information signs for marking equipment for indoor and outdoor use. Its characteristics are rounded off by strong adhesive power on smooth surfaces and temperature resistance from -20° C up to 130° C.

We are at home in every industry

General

- Inventory labels
- labels for libraries
- labels for laundry tags
- printing of tickets and admission tickets

Automotive industry, agricultural vehicles

- Labeling of spare parts
- customized parts
- production labels
- warranty stickers
- fine dust stickers

Fastening technology

- Labels for blister packs and boxes
- cardboard box labels
- product labels

Chemical industry

- Ampules, glass, drum and
- packaging labels
- hazardous material warnings
- warning decals

Retail and wholesale

- Price stickers
- product labels
- barcode printing

Electrical and electronic industries

- Type plates
- device labels
- operating instructions
- housing labels
- cable stickers

Airports, airlines

- Luggage tags
- cargo stickers
- container stickers
- spare parts tags
- catering labels

Nurseries

- Plastic stickers for flower pots
- plants and trees
- decorative tags

Gift items

- Order-specific product and design labels

Plastic

- Labels for plastic boxes
- boxes, drums and packaging,
- also for those stored outside

Medical, hospitals

- Patient bracelets
- stickers for blood bags
- content labels

Metal processing

- Material labeling
- warehouse labeling

Food and luxury goods industry

- Product, ingredients and shelf life information
- frozen food labels
- wine and liquor labels
- e.g. bakeries, butchers

Natural and organic foods

- Customized labels for small packages
- ingredient information, e.g. tea,
- herbs, candy

Paper, textiles, cloth

- Labels for repackaged items
- textile labels
- tear-off labels

Toys, furniture

- Tags
- set-up instructions
- product notices

Transportation, logistics

- Shipping labels
- address labels
- pallet stickers
- barcode stickers
- warehouse location labels

- Headquarters in Germany
- cab subsidiaries
- 520 distribution partners in more than 80 countries.

cab is represented in every active commercial center - worldwide.



For elaborate data, please go to www.cab.de

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