









For any requirement a proper solution

Since more than 40 years cab develops and manufactures solutions and a large amount of accessories for product marking. The product range includes label printers, print & apply systems, label dispensers and marking laser systems. In addition, cab provides ribbons and labels for the perfect imprint.

PRODUCTS NEED LABELING

In the automotive sector, labeling ensures traceability of components to the smallest screw. In logistics, it guarantees scheduled delivery. On electrical devices, typeplates refer to performance data and use. Pharmacy sees labeling prevent from errors relevant to health, in chemistry it points out to risks associated with the handling of a product - multi-colored and without any barrier as regards language. On food, labeling informs about ingredients and on textiles about its best possible care.

FOR THE CUSTOMER'S BENEFIT

When it comes to using the devices, cab customers expect both a long service life and 100 per cent availability. All the printing and labeling processes have to be precise and reliable. Intuitive operability is a further criterion especially with alternating staff. On this basis, cab continuously develops ideas and assigns new technologies to real applications.





88 per cent of all the customers steadily rely on cab solutions - many of them for 20 years or more.

Long before Advanced Manufacturing and the Internet of Things became evident, cab devices did far more than just printing on a label. The products' architecture has always been designed according to easy operation, integration in automated production lines as well as reliability. The interfaces and protocols of cab's current printer generation enable bi-directional interaction with master networks, production planning or PLC.

Shaping innovation together

MADE IN GERMANY

As an owner-operated family company cab offers customer focus and economic continuity.

Foresight, ideas, added by curiosity and joy in its own products and their further development have always been driving forces in the company.

Local subsidiaries in Germany, France, USA, Mexico, South Africa and Asia form the basis to meet the individual markets in the best possible way.

COMPANY FACTS AND FIGURES

- founded 1975
- nine sites in seven countries
- 350 employees
- 820 distribution partners worldwide
- Production and distribution of more than 30,000 devices every year
- 78 million Euros group turnover in fiscal year 2016
- Industry leader in automated and high-precision labeling



For further information see www.cab.de/en





KLAUS BARDUTZKY Managing Director and company founder

ALEXANDER BARDUTZKY 2nd generation Managing Director



Get an overview!

















Design and technical specifications correspond to the date of the printing. Subject to change. The data provided in the catalog do not represent any warranty or guarantee. For current data see website www.cab.de/en

Label printers MACH1, MACH2





MACH1 with control buttons and LED signal

MACH2 with colored LCD display and navigator pad

4" desktop printers in proven technology

With the MACH1 and MACH2 cab completes its printer range in the lower price segment.

The devices ideally fit with small to medium duty applications in thermal transfer and direct thermal printing.

MACH1 is provided with control buttons and a LED signal, while MACH2 has a colored LCD display and a navigator pad.

					■ Standard	☐ Option		
Label printer			MACH1 MACH2					
Print head	Printing method				transfer, al direct			
	Printable resolution	dpi	203	300	203	300		
	Print speed	up to mm/s	127	102	177	127		
	Print width	up to mm	108	105.7	108	105.7		
Labels	Roll outside diameter	up to mm	127					
	Width	mm	25 - 112					
	Height	mm	4 - 1,727	4 - 762	4 - 1,727	4 - 762		
Ribbon	Ink side	Ink side			outside or inside			
	Variable length	up to m		30	00			
Printer sizes	Width x Height x Dept	h mm	210 x 186 x 280					
and weights	Weight	kg	2.7					
Electronics	Data storage	MB		1	.6			
	Main storage SDRAM	MB	8					
Interfaces	RS232-C							
	USB for PC							
	Ethernet							
	USB host			-				





Label printers **EOS1**, **EOS4**





EOS1 for label rolls up to diameter 152 mm

EOS4 for label rolls up to diameter 203 mm

Compact printers providing many features of large industrial printers

The EOS combine all the functions of a solid label printer with highest ease of operation.

EOS1 is the compact one requiring little space, EOS4 processes label rolls up to diameter 203 mm.

					■ Standard	☐ Option		
Label printer			EOS1 EOS4			4		
Print head	Printing method		Thermal transfer, thermal direct					
	Printable resolution	dpi	203	300	203	300		
	Print speed	up to mm/s		12	25			
	Print width	up to mm	108	105.7	108	105.7		
Labels	Roll outside diameter	up to mm	15	52	203			
	Width	mm	single lane 10 - 116, multi lane 5 - 116					
	Height	mm	5 - 1,000					
Ribbon	Ink side	Ink side			outside or inside			
	Variable length	up to m	360					
Printer sizes	Width x Height x Depth	mm	253 x 18	39 x 322	264 x 245	x 412		
and weights	Weight	kg	4	4	5			
Electronics	Processor clock rate	MHz		4(00			
	Data storage	MB		1	.6			
	Main storage RAM	MB		6	4			
Interfaces	USB for PC							
	Ethernet							
	Periphery							
	USB host							

The EOS can be supplied with the battery pack provided by cab - wherever labels are needed but no socket for power connection is available.





Label printers MACH 4S



MACH 4S to insert consumables from top in the device.

Toploaders to insert consumables from the top

The MACH 4S provide all features of a high class industrial printer with a wide application range. Labels and ribbons can be easily inserted from the top.

The devices offer a large colored touch display. Self-explanatory symbols allow intuitive and easy operation.

The centered material guide eliminates the need for adjustments and ribbon folding.

				■ Standard	□ Option	
Label printer				MACH 4S		
Print head	Thermal transfer					
	Thermal direct					
	Printable resolution	dpi	203	300	600	
	Print speed	up to mm/s	250	250	150	
	Print width	up to mm		108.4		
Labels	Roll outside diameter	up to mm		205		
	Width	mm	6 - 116			
	Height	mm	Basic version 5 ¹⁾ - 2,000,			
			peel-off version 20 - 200			
Ribbon	Ink side		outside or inside			
	Variable length	up to m	360			
Printer sizes	Width x Height x Depth	mm		240 x 317 x 435		
and weights	Weight	kg		6		
Electronics	Processor clock rate	MHz		800		
	Data storage	MB		50		
	Main storage RAM	MB		256		
Interfaces	RS232-C					
	USB for PC					
	Ethernet					
	USB host					

 $^{\mbox{\tiny 1)}}$ From 12 mm in case of a printer version with a cutter



Printer version with a cutter



Label printers SQUIX 2, SQUIX 4, SQUIX 6







SQUIX label printers with left-aligned material guide

Flexible printers for industrial applications

The SQUIX are the further development of the successful printer series A+. They represent innovative technology, accuracy of impression, fast printing and highest quality standards.

Their development is foremost focused on simple and convenient operation coupled with high reliability.

All materials wound on rolls resp. fanfold can be printed.

							■ Sta	andard	☐ Option	
Label printer	r		SQUIX 2		SQUIX 4			sqı	SQUIX 6	
Print head	Thermal transfer									
	Thermal direct			-			-			
	Printable resolution	dpi	300	600	203	300	600	203	300	
	Print speed	up to mm/s	250	150	250	300	150	2	50	
	Print width	up to mm	56	5.9	104	108.4	105.7	168	162.6	
Labels	Roll outside diameter with core diameter	mm	m 205 / 38,1 - 76			76				
	Width	mm	4 - 63		20 - 116		46 - 176			
	Height without label backfeed	from mm	4		6				6	
Ribbon	Ink side				outs	ide or ins	side			
	Variable length	up to m				450				
Printer sizes	Width x Height x Depth	mm	200 x 28	88 x 460	25	2 x 288 x	460	312 x 2	88 x 460	
and weights	Weight	kg	(9		10			14	
Electronics	Processor clock rate	MHz				800				
	Data storage	MB				50				
	Main storage RAM	MB				256				
Interfaces	RS232-C, USB for PC, E Periphery, USB host, W									
	Digital I/O			Peel-off version □ , basic version □						







Labels can either be cut or perforated. Various peel-off adapters enable either automatic or manual dispensing. The labels can also be rewound for further processing.

For operation in production lines various applicators are provided that allow semi-automatic printing and applying.

Reliability

Due to comprehensive peripheral equipment the printers fully tackle any task, allowing to demonstrate their reliability in continuous operation in any working environment.



RFID is an option with 4" and 6" devices



Tester for linear and 2D barcodes



Cutter and cutter tray



Internal rewinder



External rewinder



Applicators to be integrated in production lines



Demand module for packaging in motion

Label printers **SQUIX 4 M, SQUIX 4 MT**



SQUIX label printers with centered material guide

M series - precise and versatile

For printing on all materials that are wound on rolls or reels or fanfold - especially very small labels or slim continuous materials such as pressed shrink tubes.

MT series - textile printers

It is also possible to print on labels or continuous materials that are wound on rolls or reels.

Valid for both printer series:

As regards the label width, no adjustment of the plungers is needed. Adapted print rollers are provided for slim materials.

						■ Stand	ard 🗆 Option
Label printer			:	SQUIX 4 N	1	SQUI	(4 MT
Print head	Thermal transfer						
	Thermal direct		-			-	
	Printable resolution	dpi	203	300	600	300	600
	Print speed	up to mm/s	250	300	150	300	150
	Print width	up to mm	104	108.4	105.7	108.4	105.7
Labels	Roll, reel outside diame	eter mm	20	05/38.1-	76	205/3	8.1 - 76
	with core diameter		180 / 100			180 / 100	
	Width	mm	4 - 110			4 - 110	
	Height without label backfeed	from mm	3			3	
Ribbon	Ink side		outside or inside				
	Variable length	up to m		450		450	
Printer sizes	Width x Height x Depth	mm	25	2 x 288 x 4	160	252 x 28	38 x 460
and weights	Weight	kg		10		1	.0
Electronics	Processor clock rate	MHz		800		80	00
	Data storage	MB		50		5	0
	Main storage RAM	MB		256		2.5	56
Interfaces	RS232-C, USB for PC, Et Periphery, USB host, W			-			
	Digital I/O						







Label printers **A8+**



A8+ for pallet and barrel labeling

8" printers for wide label applications

The print mechanics and chassis of SQUIX and A+ printers match in terms of shape and function.

The highspeed processor ensures fast processing of a print job and immediate label output.

			■ Standard □ Option	
Label printer			A8+	
Print head	Thermal transfer			
	Thermal direct			
	Printable resolution	dpi	300	
	Print speed	up to mm/s	150	
	Print width	up to mm	216	
Labels	Roll outside diameter	up to mm	205	
	Width	mm	46 - 220	
	Height without label backfeed	from mm	10	
Ribbon	Ink side		outside or inside	
	Variable length	up to m	360	
Printer sizes	Width x Height x Depth	mm	352 x 274 x 446	
and weight	Weight	kg	15	
Electronics	Processor clock rate	MHz	266	
	Data storage	MB	8	
	Main storage RAM	MB	64	
Interfaces	Centronics			
	RS232-C			
	USB for PC			
	Ethernet			
	RS422 / RS485			
	Periphery			
	USB host			
	WLAN			
	Digital I/O		-	



Label printers **XD4T**



XD4T for double-sided printing also on textile materials

Textile printer XD4T

The XD4T prints on both sides of a textile tape, cardboard labels, pressed tubes, continuous or ready-for-use, as well as on continuous plastic, paper or cardboard materials:

- No print head adjustment for different material widths
- Print rollers for narrow and slim materials

			■ Standard □ Option
Label printer			XD4T
Print head	Printing method		Thermal transfer
	Printable resolution	dpi	300
	Print speed	up to mm/s	125
	Print width	up to mm	105,6
Labels	Roll outside diameter	up to mm	300
	Width	mm	10 - 110
	Height without label backfeed	from mm	20
Ribbon	Ink side		outside or inside
	Variable length	up to m	360
Printer sizes	Width x Height x Depth	mm	248 x 395 x 554
and weight	Weight	kg	21
Electronics	Processor clock rate	MHz	266
	Data storage	MB	8
	Main storage RAM	MB	64
Interfaces	RS232-C		
	USB for PC		
	Ethernet		
	Periphery		
	USB host		
	WLAN		
	Digital I/O		-







Label printers XC4, XC6



XC4, XC6 for two-color printing up to printh width 162.6 mm

Printing two colors in one operation

In order to simultaneously print with two colors in one label, the XC have two thermal transfer units arranged in-line:

- Meets the conditions for the Classification and Labeling Inventory according to GHS
- For large label rolls to diameter 300 mm
- Provides ribbon saving function at one print head

				■ Standard □ Option	
Label printer			XC4	XC6	
Print head	Printing method		Thermal transfer		
	Printable resolution	dpi	30	10	
	Print speed	up to mm/s	12	15	
	Print width	up to mm	105.6	162.6	
Labels	Roll outside diameter	up to mm	30	0	
	Width	mm	20 - 116	46 - 176	
	Height	mm	20 - 2,000	20 - 1,500	
Ribbon	Ink side		outside o	or inside	
	Variable length	up to m	36	0	
Printer sizes	Width x Height x Depth	mm	248 x 395 x 554	358 x 395 x 554	
and weights	Weight	kg	22	24	
Electronics	Processor clock rate	MHz	26	66	
	Data storage	MB	8	3	
	Main storage RAM	MB	6	4	
Interfaces	USB for PC				
	Ethernet				
	Periphery				
	USB host				
	WLAN]	







Print and apply systems Hermes+, Hermes C



Hermes+

Hermes+ has been designed for automatic printing and applying in production lines.





Hermes C

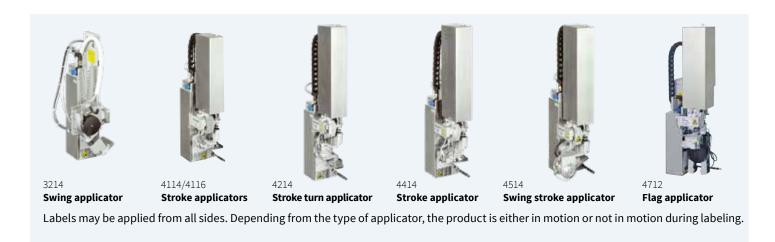
Hermes C is for printing and applying with two colors in one operation. It has been developed and optimized especially for applications compliant to the Classification Inventory according to GHS.



For further information see www.cab.de/en/print-apply

Print and app	ly system		Hermes ⁺ 2 Hermes ⁺ 4		Hermes ⁺ 6		Hermes C 6L			
Print head	Thermal transfer					•				
	Thermal direct			-			-			-
	Printable resolution	dpi	300	600	203	300	600	203	300	300
	Print speed	up to mm/s	150	100	2	150	100	2	200	125
	Print width	up to mm	54.2	57	104	108.4	105.6	168		162.6
Labels	Roll outside diameter	up to mm					305			
	Width	mm	4 -	58		10 - 114		50	- 174	46 - 176
	Height	mm	4 - 1	200		8 - 320		25	- 320	20 - 356
Ribbon	Ink side					ou'	tside or ins	ide		
	Variable length	up to m	500						450	
Device sizes	Width x Height x Depth	mm	207 x 53	38 x 518	26	260 x 538 x 518		320 x 538 x 518		320 x 550 x 630
and weights	Weight	kg	1	.5		16			20	30
Electronics	Processor clock rate	MHz					266			
	Data storage	MB					8			
	Main storage RAM	MB					64			
Interfaces	Centronics									-
	RS232-C									
	USB for PC									
	Ethernet									
	USB master									
	RS422 / RS485								-	
	Digital I/O									
	Applicator									
	Warning light									
	E-stop									
	Main valve for air pressure sup	ylqo								

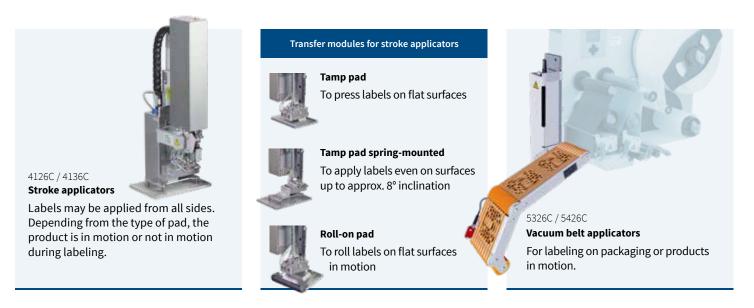
Applicators for product marking with Hermes+



Applicators for package marking with Hermes+



Applicators for Hermes C



Labeling heads IXOR



IXOR is driven by a high-torque servo motor.

Highly performant devices to be integrated into labeling machines

54 mm chassis depth and a modular construction kit perfectly allow IXOR to be integrated into labeling machines or attached to conveyors in a production line via a wide range of accessories such as mounting equipment.

A large-scale modular system of rewinders, unwinders and peel edges enable to configure the labeling head according to any customer specification.

Wide voltage input allows IXOR to be linked to all common power supplies. By means of the LAN and the serial interface, IXOR can be easily connected to existent control units. As regards service purposes such as firmware updates, reading out formats and diagnostics, IXOR comes standard with WLAN.

				■ Standard	d □ Option
Labeling head			IXO	OR	
Basic unit	Construction width mm	124	186	248	310
Power data	Label web speed up to m/min	50, 100	, 150, 200 - de	epending fro	m type
	Performance up to labels/min	2,400			
Labels	Roll outside diameter up to mm		310 / 410		410
	Width up to mm	120	182	244	306
	Length mm		5 - 6	,000	
Device sizes and weights	Width x Height mm with supply roll 310 mm	600 x 600			-
Ç	Width x Height mm with supply roll 410 mm	680 x 700		925 x 825	
	Depth mm	266	328	390	452
	Weight kg	14	14.5	15	32
Interfaces	Analog				
	Periphery				
	WLAN				
	Digital I/O				
	End of label web sensor				
	Start and stop sensor				
	Product speed synchronization				
	Serial				
	LAN				
	Fieldbus ¹⁾				

1) on request

Customized configuration

Every IXOR application follows individual demands. To evaluate all your requirements and apply them to the specifications of IXOR, cab has set up its own contact and sales department. Please contact our specialist staff at labeling@cab.de

IXOR types and assembly examples



Labeling head 124 L

Label web width 124 mm Dispensing to the left Unwinder: D310 V 124 L

Vertical assembly



Labeling head 124 R

Label web width 124 mm Dispensing to the right Unwinder: D310 V 124 R

Vertical assembly



Labeling head 124 L

Label web width 124 mm Dispensing to the left Unwinder: D410 V 124 L

Vertical assembly



Labeling head 186 L

Label web width 186 mm Dispensing to the left Unwinder: D410 H 186 L

Horizontal assembly



Print modules PX4, PX6



PX4 for a large number of applications

PX6 for Odette and UCC labels

Fully automatic printing and applying in industrial applications

Perfect performance, high reliability, comfortable operation and little maintenance downtimes - the PX can be integrated in any mounting orientation and solves even complex marking applications.

In case of a repair, components and units are easy to replace.

The footprint of the device is screw compatible with other manufacturers.

						■ Standard	☐ Option
Print module			PX4 PX6			6	
Print head	Printing method		Thermal transfer, thermal direct				
	Printable resolution	dpi	203	300	600	203	300
	Print speed Print width	up to mm/s up to mm	300 104	250 10	100	20 168	162.6
Labels	Width	mm	104	10 - 116	5.0	50 -	
Ribbons	Height without backfo	eed from mm	6 12 outside or inside				2
	Variable length	up to m				00	
Electronics	Processor clock rate Data storage	MHz MB	1.				
	Main storage RAM	MB	<u> </u>				
Interfaces	Centronics RS232-C] 	
	USB for PC					•	
	Ethernet USB host						
	RS422 / RS485					<u> </u>	
	Wireless Bridge						
	Digital I/O						







Label dispensers **HS, VS**



HS60+ for horizontal dispensing

VS120 for vertical dispensing

VS180+ for wide labels up to 180 mm

Dispensing labels - automatical or on request

With the HS and VS all label sizes can be easily dispensed. Labels may be punched or cut without space in between. Any outside shape, square or round, can be processed. Even transparent material can be dispensed:

- With horizontal dispensers (HS) the labels are peeled off in upward direction from their bottom edge and stuck to the product.
- With vertical dispensers (VS) the labels are peeled off in forward direction from their upper edge and stuck to the product via the shortest path.

[&]quot;+" models have an operation panel added.

				■ Stan	idard 🗆 Option		
Label dispenser			HS	VS	HS+, VS+		
	Materials		Paper, textile, plastics on roll, punched or die cut, Leporello as an option				
	Feed rate	up to mm/s	20	00	100 / 200		
Rewinder	Carrier material outside diameter	up to mm		155			
Label sensor	Scanning			Label front edge	<u> </u>		
	Distance to locating ec	lge mm	5 - 55				
	Height pre-dispense	mm		4 - 18			
Connectors	Peel-off on request via external signal		-				
	Power socket for non-heating appara	atus	Power supply				
	Power switch			ON, OFF			
Device specific			HS60, VS60	HS120, VS120	HS180 ⁺ , VS180 ⁺		
Labels	Roll outside diameter	up to mm		200			
	Width ¹⁾	mm	8 - 65	20 - 120	80 - 180		
	Height one wide	mm	5 - 300	8 - 600	20 - 600		
	Height multi wide	mm	5 - 110	8 - 110	20 - 110		
Device sizes	Width x Height x Depth	mm	180 x 250 x 360	230 x 250 x 360	300 x 250 x 360		
and weights	Weight	kg	3.3	3.6	4		

1) carrier material included



Marking laser systems **FL+**



FL+20 with scan head

Durable marking of metal and plastics

Marking is possible with stationary metal or plastic products in Medtech, aerospace, electronics and in the automotive industries.

FL⁺ are diode-pumped and air-cooled. They offer a high beam quality and pulse peak power.

FL+ consist of two units: the control unit with the laser source and the scan head

The laser sources provide 50 W maximum output power.

					■ Standard	☐ Option
Marking laser system		FL ⁺ 10	FL ⁺ 20	FL ⁺ 30	FL ⁺ 50	
Laser source	cw output power	up to W	10	20	30	50
	Pulse energy	mJ	0.5		1	
	Wave length	nm	1,064			
	Beam quality M ²		< 1.8			
	Pulse width	ns	90 - 120	- 120 80 - 120		
	Pulse frequency	kHz	20 - 80	2 - 200		
	Connecting line	m	4.5	2.5		
Scan head	Mounting orientation		horizontal, vertical			
	Marking speed	mm/s	approx. 5,000			
Pilot laser	Wave length	nm	650			
	cw output power	mW	< 1			
Electronics	Processor clock rate	MHz	600			
	Data storage	MB	512			
	Main storage RAM	MB	256			
Laser safety class	Laser source		Class 4			
EN60825-1	Pilot laser			Class 2		
Interfaces	RS232-C					
	Ethernet					
	Digital I/O					
	Remote					
	E-stop					
			Rack 4RU 19"			
Device sizes and weights	Control unit Width x Height x Depth	mm	420 x 178 x 420			
	Control unit weight	kg	16			
	Scan head Width x Height x Depth	mm	170 x 110 x 330			
	Scan head weight	kg	7			



Periphery samples for marking laser systems FL+



Laser safety housing LSG+100E

The LSG+100E is the industrial solution for marking serial parts with the FL+. The solid metal design besides a large work area provides enough space to integrate the laser source and an industrial PC within the 19" assembly frame.

The operation door is electronically opened and closed.

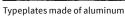
Laser label marker LM+

The LM+ allows to precisely mark labels of different sizes directly from the roll and cut them without the need of additional tools.

After the marking, the labels made of laser markable foil can either be separated with a cutter or rewound with an external rewinder.

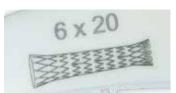
				■ Standard □ Option	
Laser safety housing		LSG+100E 230 V	LSG+100E 120 V		
	Work area Width x Height x Depth	mm	980 x 46	50 x 980	
	Traversing speed	up to mm/s	6	0	
	Positional accuracy	mm	0.02		
Device sizes	Width x Height x Depth	mm	1,000 x 2,2	1,000 x 2,280 x 1,120	
and weight	Weight	kg	39	95	
Interfaces	Digital I/O				
	Remote				
	E-stop				
	Step motor Z axis, X axis, rotary axis				
	Extraction and filter device				
Laser label marker			LM+160.1	LM+254.1	
	Work area Width x Height x Depth	mm	160 x 5 x 190		
	Transport speed	mm/s	200		
	Positional accuracy	mm	0.2		
Labels	Roll outside diameter	up to mm	300		
	Width	mm	25 - 120		
	Height	up to mm	180		
Device sizes	Width x Height x Depth	mm	440 x 520 x 802		
and weights	Weight	kg	22		
Interfaces	RS232-C				
	E-stop FL+				
	E-stop external				
	Cutter				







Code traceability in sterilization



Size allocation in Medtech



Ident clips made of plastic

Marking laser systems **XENO 1**



XENO 1 marking laser system "out of the box"

Easy and fast marking of single workpieces and series

XENO 1 is a desktop device easy to handle and intuitively operable. At the same time it provides the features and functionality of a premium system. The laser sources provide 20 or 30 W maximum output power.

XENO 1 completes the range of cab marking laser systems in the lower price segment.

				Standard	☐ Option	
Marking laser system			XENO 1			
Laser source	cw output power	up to W	20 30			
	Pulse energy	mJ	1			
	Wave length	nm	1,064			
	Beam quality M ²		< 1.6			
	Pulse width	ns	120			
	Pulse frequency	kHz	20 -	20 - 60		
Pilot laser /	Wave length	nm	65	650		
focus finder	ler cw output power mW		< 0.4			
	Work area Width x Height x Depth	mm	500 x 200 (100) x 250			
	Traversing speed	mm/s	20			
	Positional accuracy	mm	0.1			
	Laser safety class EN60825-1		Clas	Class 1		
Interfaces	USB host			I		
	Ethernet					
	Extraction and filter device			I		
	RS232-C]		
	Digital I/O]		
Device sizes	Width x Height x Depth	mm	580 x 66	0 x 700		
and weight	Weight	approx. kg	50)		



Software for cab devices





Designing, printing, administrating with cablabel S3

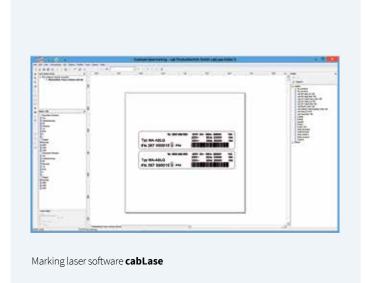
The cablabel S3 software opens up the full potential of cab devices. First of all the label must be designed.

Only when it comes to printing it has to be decided whether the label shall be processed on a label printer, a print and apply or marking laser system.

cablabel S3 is of a modular design which makes it adaptable to requirements step by step. To support functions like native JScript programming elements such as the JScript Viewer are embedded as plug-ins. The designer user interface and the JScript code are synchronized in real time. Special functions like the Database connector or barcode testers can be integrated.







Connector, these data are recalled from the host and printed.



Designing, controlling, monitoring with cabLase

cab marking lasers have installed cabLase Editor 5. It offers the key features

- graphic design of layouts,
- control of marking,
- monitoring the marking process.

Further software features are

- support of marking without a PC,
- remote control,
- remote API interface for integration in manufacturing processes,
- integrability in MES and ERP platforms.







Precise printing with cab labels



cab labels are custom made from more than 400 materials - plain or pre-printed.

Good reasons to choose cab labels

The surfaces of cab labels are optimized for high image fidelity in thermal transfer printing. The roll and core diameters as well as the winding are tailored specifically to cab printers. Three samples of stock materials:



Paper white - slightly glossy

Applications are address labeling as well as the marking of product and goods in general in industry, logistics, trading or services.

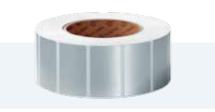
This material offers high whiteness combined with a permanent adhesive.



Polyester white - matt

Applications are with customized stock materials resp. storage locations, goods on consignment, outdoor and production areas as well as potential hazards.

This material is highly resistant to tearing, oils and extreme temperatures, repelling dirt and water.



Polyester silver - matt

Applications are with printers having a high printable resolution: e. g. product typeplates or indicating labels when labeling devices indoor and outdoor

This material convinces with a strong adhesive power on smooth surfaces and high resistance to extreme temperatures.





High-quality printing with cab ribbons



cab ribbons have a special back coating to avoid static electrification and better dissipate residual heat.

Good reasons to choose cab ribbons

Whether narrow or wide labels have to be applied, if it is for product or typeplate marking - cab provides more than 20 types of ribbons for any demand. Tailored specifically for cab printers, these ribbons offer a consistent high quality.

Wax ribbons

Fitting with fast and economical printing on vellum or coated paper, wax ribbons produce high-contrast, sharp and clear imprints with a high density. Recommended if wipe resistance is not a top priority.

Resin/wax ribbons

Resin/wax ribbons provide a higher abrasion and sratch resistance than pure wax ribbons while offering the same density. Recommended for a bunch of applications with chromated or coated papers as well as plastics.

Resin ribbons

Resin ribbons are highly resistant to scratching, extreme temperatures and dissolvers. They are therefore primarily used with plastic materials, even with coated surfaces. Ribbons withstanding washing and ironing are also available.

Colored ribbons on request

Colored cab ribbons in pure wax, resin/wax or pure resin qualities exhibit the same characteristics as the black ribbons. Golden or silver wax ribbons are specifically recommended for high-quality decorative labels.







At home in any industry

A quarter of a million cab devices and systems are in continuous operation all over the world. They are in use in the automotive, chemical, pharmaceutical and textile industries, in electronics and medtech, transport and logistics as well as in retail and wholesale trading and the services sector.



Applications

Informational labels, warning labels, inventory, product labels, logging, labels for certification or testing, patient admission, pricing, storage location marking, shelf marking, address labels, shipping labels, incoming goods, tickets, typeplate marking, warranty labels, cable marking, tube marking, barrel labels, encoding, container labels, spare parts marking resp. identification

Customers

cab devices are operated by global players as well as by small and medium-sized companies.





Services and Training

Services

Well-trained cab service engineers worldwide support in the maintenance and repair of the devices.

Send your printer to a cab service center or a service partner selected by us. Your device will be checked and repaired within few workdays. If requested, a loan device will be offered.

You prefer maintenance and repair on-site in your company? Then make an appointment with our Services Department:

Phone +49 721 6626 300, Email: service.de@cab.de

Training

Enhance your know-how on cab devices with regard to an effective use, service and repair.

In Karlsruhe we offer trainings on the handling of the devices, label design, software, printer drivers, programming, database access as well as on how to integrate in networks or superior ERP systems. We gladly send you detailed information on all our current training offers on request.

Individually we offer trainings according to your specific demands - in Karlsruhe or on-site in your company.



