

Technical data¹⁾

		1.1	1.2
Label printer		MACH1	MACH2
Print head			
Printing method		Thermal transfer, direct thermal	
Printable resolution	dpi	203	300
Print speed	up to mm/s	127	102
Print width	up to mm	108	105.7
Material²⁾			
Paper, cardboard, plastics continuous material on a roll or fanfold		■	■
Width	Labels mm	25 - 112	
	Liner continuous material mm	25 - 118	
Label height	at least mm	4	
	up to mm	1,727	762
Thickness	mm	0.06 - 0.2	
Weight	g/m ²	60 - 160	
Roll	Outer diameter up to mm	127	
	Core diameter mm	25.4 - 38.1	
Winding		outside or inside	
Ribbon			
Ink side		outside or inside	
Roll diameter	up to mm	68	
Core diameter	mm	25.4	
Variable length	up to m	300	
Width	mm	25 - 114	
Printer size and weights			
Width x Height x Depth	mm	210 x 186 x 280	
Weight	kg	2.7	3
Label sensor with position indication			
Gap sensor		fixed at center	
Reflective sensor from below		adjustable	
Electronics			
Storage	Flash MB	16	
	SDRAM MB	8	
		(4 MB for the application)	
Batterie for current date / time, real-time clock		■	■
Interfaces			
RS232C		■	■
USB for PC connection		■	■
Ethernet		■	■
USB host		-	■
Operating data			
Power supply		100 - 240 VAC ~ 50/60 Hz, PFC	
Power consumption	up to W	60	
Temperature / humidity	Operation	5 - 40°C / 30 - 85 % not condensing	
	Storage	-20 - 50°C / 10 - 90 % not condensing	
	Transport	-25 - 60°C / 20 - 80 % not condensing	
Approvals		CE, FCC, CCC, CB, UL, KCC	

¹⁾ All information on the 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/mach1-2

²⁾ Limitations may apply to small labels, thin materials or strong adhesives. These applications need to be tested and approved.

■ Standard □ Option

Operation panel			
Buttons	Feed	■	■
	On / off	■	■
	Material sensor calibration	■	■
LEDs	Ready	■	-
	Status	■	-
Colored TFT display with navigator pad		-	■
On display (MACH2)			
	Printer settings Label settings Devices Diagnostics Exit Digital clock		
Control			
	End of ribbon End of material Print head open		
Testing			
System diagnostics	when device is switched on, including print head detection		
Short status report, status printout	Printer settings Label settings Devices Diagnostics Exit Test printout Label calibration		
Fonts			
Font types	11 bitmap fonts including OCR-A, OCR-B		
Character sets	Codepage 437, 737, 850 bis 852, 855, 857, 860 bis 863, 865, 866, 869 Windows 1250 bis 1255, 1257		
Bitmap fonts	Zoom factor up to eight, orientation 0°, 90°, 180°, 270°		
Graphic formats			
	PCX, BMP		
Codes			
1D barcodes (linear)	Code 39		Postnet
	Code 93		ITF 14
	EAN/UPC Appendix 2		China Postal Code
	EAN/UPC Appendix 5		HIBC
	Interleaved 2/5		MSI
	Codabar		Plessey
	Code 128 A, B, C		Telepen
	EAN 128		FIM
	UCC 128		GS1 DataBar
2D and stacked codes	DataMatrix		PDF417
	QR code		Micro PDF417
	Micro QR code		Aztec
	MaxiCode		
Software			
Printer language	EZPL		■
Label software	cablabel S3 Lite		■
	cablabel S3 Viewer		■
	cablabel S3 Pro		□
	cablabel S3 Print		□
Windows drivers certified 32/64 Bit for	Windows Vista	Server 2008	■
	Windows 7	Server 2008 R2	
	Windows 8	Server 2012	
	Windows 8.1	Server 2012 R2	
	Windows 10	Server 2016 Server 2019	