

Label printer	MACH 4.3S		MACH 4S	
Material feed			centered	
Printing method: Thermal transfer	●	●	●	●
Direct thermal	●	●	○	-
Printable resolution dpi	203	300	300	600
Print speed up to mm/s	250	250	300	150
Print width up to mm	104	108.4	105.7	105.7
Start of printing Distance to locating edge mm			centered	
<a href="#">Material1</a>				
Paper, cardboard, plastics PET, PE, PP, PI, PVC, PU, acrylate, Tyvec	●	●	●	●
Shrink tubes ready-for-use	●	●	●	●
Textile tapes	●	●	●	●
Packing on rolls, reels, fanfold	●	●	●	●
Roll diameter up to mm			205	
Core diameter mm			38.1 - 76	
Winding			outside or inside	
Labels Width mm			5 - 116	
Height excl. label backfeed from mm			5	
incl. label backfeed from mm			12	
Peel-off, single cut from mm			12	
Thickness mm			0.03 - 0.6	
Liner material Width at core diameter 38 mm			9 - 120	
76 mm			25 - 120	
Thickness mm			0.03 - 0.13	
Continuous material Width at core diameter 38 mm			5 - 120	
76 mm			25 - 120	
Thickness mm			0.05 - 0.5	
Weight (cardboard) up to g/m <sup>2</sup>			180	
Shrink tubes Width ready-for-use up to mm			120	
Thickness up to mm			1.1	
<a href="#">Ribbon2) Ink side</a>				
Roll diameter up to mm			72	
Core diameter mm			25.4	
Variable length up to m			360	
Width mm			25 - 114	
<b>Printer sizes and weight</b>				
Width x Height x Depth mm			240 x 317 x 435	
Weight kg			6	
<b>Label sensor indicating the position</b>				
Gap sensor for	labels or punch marks and end of material, print marks on transparent materials			
Reflective sensor reflex from below for	labels and end of material, print marks on non-transparent materials			

Distance of sensor from centre to locating edge gap mm	centered or shifted by 10 mm to the left
Distance of sensor from centre to locating edge reflex from below mm	adjustable from centre by 56 mm to the left or by 10 mm to the right
Material passage up to mm	2
<b>Electronics</b>	
Processor 32 bit clock rate	800
Main storage (RAM)	256
Data storage (IFFS)	50
Plug-in for SD memory card (SDHC, SDXC) up to GB	512
Battery for time and date, real-time clock	■
Data memory when power is switched off (e.g. serial numbering)	■
<b>Interfaces</b>	
RS232C 1.200 to 230.400 baud/8 bit	■
USB 2.0 Hi-speed device to connect a PC	■
Ethernet 10/100 Mbit/s	LPD, RawIP printing, SOAP webservice, OPC UA, WebDAV, DHCP, HTTP/HTTPS, FTP/FTPS, TIME, NTP, Zeroconf, SNMP, SMTP, VNC
2 x USB Host on the backside for	Service Key, USB memory stick, keyboard, barcode scanner, USB Bluetooth adapter, USB WLAN stick, external operation panel
USB WLAN stick 2.4 GHz 802.11b/g/n	□
USB WLAN stick 2.4 GHz 802.11b/g/n + 5 GHz 802.11a/n/ac, Hotspot or Infrastructure Mode	□
USB Bluetooth adapter	□
Periphery connection for cutter or peel-off function	■
<b>Operating data</b>	
Power supply	100 - 240 VAC, 50/60 Hz, PFC
Power consumption	Standby < 10 W / typical 100 W
Temperature/humidity: Operation	+5 - 40 °C / 10 - 85 % not condensing
Temperature/humidity: Stock	0 - 60 °C / 20 - 85 % not condensing
Transport	-25 - 60 °C / 20 - 85 % not condensing
Approvals	CE, FCC Class A, ICES-3, cULus, CB, CoC Mexico, CCC, EAC, BIS, BSMI, KC-Mark, RCM
<b>Operation panel</b>	
Colored LCD touch display Screen diagonal	4,3"
Resolution Width x Height px	480 x 272

●  
typical

○  
possible

■  
standard

□  
option