Custom CM Series Thermal Printer Mechanisms

The Custom CM direct thermal printer mechanisms are available for use with 2 and 4 inch roll paper width formats.

They feature a metal body which gives more strength and rigidity to the mechanism, this in turn delivers a much better quality and more consistent print. The metal can also dissipate heat more quickly allowing faster print speeds and higher duty cycles. An autocutter version is available for both paper width formats making them ideal for integration into POS, ticketing and receipting applications. The range can detect pre-cut labels and the silicone rubber roller makes then compatible with Linerless continuous label stationery.

Features & Benefits

- Direct thermal, 60 & 112mm printer mechanisms
- High prinitng speed (150mm/sec) - for on demand ticket/receipting
- High torque motor - for driving large diameter rolls
- Metal frame (galvanized/aluminium alloy) - for consistent print quality & better heat dissipation
- Black mark detection - for label processing
- Silicone rubber roller - compatible with linerless label rolls
- Auto-loading - for fast, simple paper change
- Front or rear paper infeed - for multiple orientation
- Controller board available

Manufactured by...

CUSTOM

Options

- Roll holder
- Near end paper sensor
- RS232/USB interface pcb

Applications

OEM applications requiring a compact, low power mechanism for integration into bespoke equipment

- Point of Sale (POS)
- Labelling
- Electronic Cash Registers (ECR)
- Electronic Fund Transfer (EFT)
- Test & Measurement
- Healthcare
- Weighing
- Portable Equipment
- Instrumentation

Custom CM Series Specifications

SPECIFICATION	CM60V	CM60A	CM112V	CM112A
Printing System	Direct Thermal			
Contsruction	Galvanized Aluminium alloy			
Loading System	Autoload			
Cutting System	Tear bar required		Autocutter	
Media	Thermal Rolls: Paper, Die cut/continuous Label, Linerless label			
Paper width (mm)	60		112	
Max Paper dia	95mm			
Paper core dia	25mm			
Paper weight	55 to 80 gsm			
Resolution	200 dpi, 8 dots/mm			
Print width	56mm/448dots		104mm/832dots	
Printing speed	150mm/s			
Dimensions (WxDxH)mm	108.6x60.2x40.9	111.7x79.2x74.5	160.6x60.2x40.9	165x68.7x75.4
Weight	264g	.	340g	.
Sensors	head temperature, paper presence, print head open, paper end, (optional: near paper end sensor on the roll holder)			
Power VDC	24			
MCBF	50 km			
Operating temp.	0 to 70°C			

Utilities

- Auto-installing Driver - WinXP/Vista/7 (+64bit support) - Linux Driver
- Remote status monitor
- PrinterSet - Windows utility to update logos, edit characters, set operating parameters and update the printer firmware. It allows you to create a file including the different SW customizations and send them to the printer via the interface provided, for easy and fast setting.
- FontMake - Windows utility to make or edit fonts & load them into flash memory
- UpgCePrn - Windows Utility to update printer firmware
- CeLinuxUpg - Linux package to update printer firmware
- DriverManager - Windows utility to manage/remove Custom printer drivers