

TECHINCAL DETAILS

OF

checkMASTER III[™]

1. INTRODUCTION

Fabric, the most valuable resource for Garment constitutes about 60% - 70% of the total cost of a finished Garment. Control of the quality of this input (Fabric) is the major concern for quality of the garment. For controlling the fabric Quality, Paramount has introduced, its latest, wide-width 90'', Fabric Inspection Machine, **checkMASTER III**[™]. All the Fabric defects can be detected by this equipment and the labour and increases productivity many times over. A very convenient equipment with which thousands of meters of wide-width fabric, upto 90'', can be conveniently Inspected, measured and rolled in a single day.

2. EQUIPMENT

Paramount checkMASTER III[™] is designed to Inspect and make perfectly aligned fabric rolls up to 90'' width. Front driver & driven roll assembly with auto edge guiding device helps in making perfectly aligned roll of fabrics. Wide viewing area with to bottom illumination unit to check the fabric thoroughly. Tensioning device or tension rolls is incorporated to keep the fabric uncurled. Special mechanism is incorporated in the unit, which results in stretch free rolling. The checking speed can be controlled with the controlling knob. Forward & reverse motion can be obtained to check the fabric flawlessly with respective knobs. Meterage of fabric is directly displayed on analog length counter. Digital fault counter helps in counting the number of defects in the fabric. Emergency stop switch is provided to stop the machine suddenly in case of an emergency. The machine is meticulously finished in grey & blue paint for gorgeous looks.



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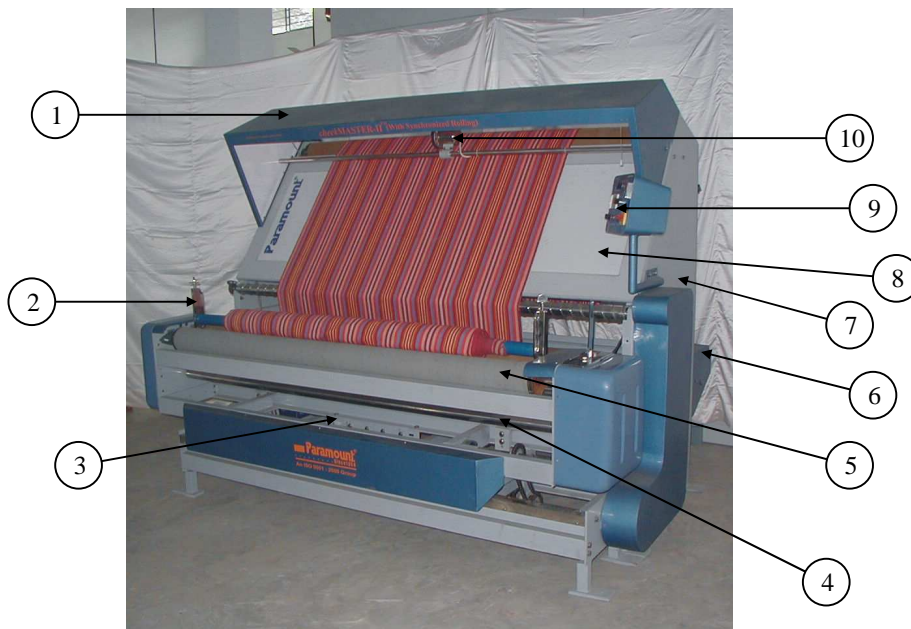


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3. Details of the Main Unit of *checkMASTER III*™



1. Top Light.
2. Fabric Roll Winding Rollers.
3. Auto Edge Guider Motor.
4. Under Guide Roller.
5. Guide Roller.
6. Fabric Roll Unwinding Unit.
7. Heavy Duty Body Unit.
8. Bottom illuminator Unit.
9. Operational Control Panel.
10. Length Meter Counter.



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4. Details of the Accessories Supplied with *checkMASTER III*™



Main Unit



PVC Pipes – 02 Nos.
(For Fabric Rolling)



This User's Manual



Inspections & Calibration
Certificates

Unpack your *checkMASTER III*™ and ensure that you have the Following units :

1. Main Unit	:	1 No.
2. PVC Pipes	:	4 Nos.
3. User's Manual	:	1 No.
4. Calibration & Conformance Certificates (Traceable to NPL)	:	1 No.
5. Inspection & Conformance Certificate	:	01 No.



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5. SALIENT FEATURES

- Used to inspect & roll fabric up to 90'' width.
- Auto edge guiding device with photo sensors to make aligned fabric rolls
- Analog length counter up to five digits for fabric length measurement.
- Digital control panel with inching option for controlled fabric movement conveniently.
- With speed control device & digital fault counter.
- Supplied with calibration & inspection certificates.

6. TECHNICAL DETAILS OF *check*MASTER III™

Power Supply	:	220/230 V, 50 Hz, single phase, 50/60 Hz, AC Supply
Max. width of fabric can be check	:	90 Inches
Light source	:	Bottom & top
Counter	:	0 – 99999 m , L/C : 0.1m
Fabric movement	:	Back to Front
Motor for Edge Guiding	:	Permanent Magnet DC Motor
Sensor for Edge Guiding	:	Diffused Scale Sensor having Sensing range 200-500 M
Weight Main Unit	:	780kg (1176 lbs)
Dimension Of Main Unit	:	Length Depth Height
		2950 mm 1525 mm 1905 mm
		116 Inch 60 Inch 75 Inch

NOTE : *With our constant endeavour to improve & excel, we reserve the right to alter the specification or modify the appearance without notice.*



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