

rollMASTER™
(Rolling & Inspection Machine)

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 65", Fabric Inspection Machine, **rollMASTER™**. 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 65", can be conveniently Inspected, measured and rolled in a single day.

EQUIPMENT

Paramount rollMASTER™ is designed to check fabrics and make rolls simultaneously. Operator can detects minor faults due to light Source at bottom. The roll Keeping cradle at the back facilitate to hold the Fabric roll. Tension device is provided to keep the fabric flat. Driver and the driven rollers facilitate to the make roll on plastic pipe. The Checked Fabric Roll is precisely made with the help of Edge Guiding Device, due to edge guiding device the rolls made are perfectly aligned & ready to be shaped.

The checking speed can be controlled with the knob. Forward & reverse motion can be obtained to check the fabric flawlessly with respective knobs. Meterage of fabric checked is directly assessed from digital display on the control panel. Digital fault counter helps in counting the number of defects in the fabric. Control panel can be moved or adjusted for operator. Caster wheel at base has been incorporated to facilitate easy movement of the instrument. The machine is meticulously finished in grey & blue paint for gorgeous looks.

SALIENT FEATURES

- Edge guiding device with photo sensor.
- Fabrics up to 65" width can be easily inspected.
- With Forward Rolling System for Perfectly Aligned Rolls
- With speed regulation knob to check fabric at convenient speed.
- Bottom illumination unit for thorough checking.
- Easy to Operate with minimum operator fatigue.
- With digital control panel with Auto & Manual operating options.
- Specially designed machine for Conveniently making fabric rolls.
- Special Fabric cradle at the back to keep fabric rolls or loose fabrics to be checked.
- Base wheel provided to move the machine easily.
- Movable Control panel for operator's convenience.

rollMASTER™ is supplied complete with below accessories.

Main Unit having Electronic Chokes & Control Panel	: 01 No.
Plastic pipes (For making of rolls)	: 02 Nos.
This User's Manual	: 01 No.
Calibration Certificates (Traceable to NPL)	: 01 No.
Inspection & Conformance Certificate	: 01 No.



TECHNICAL DETAILS

Power Supply	: 220/230 V, 50 Hz, single phase, 50/60 Hz, AC Supply
Frequency Drive	: 0.5 HP Drive
Motor for Driver Roller	: 0.5 HP 3-Phase Motor
Motor for Edge Guiding	: Permanent Magnet DC Motor
Sensor for Edge Guiding	: Diffused Scale Sensor having Sensing range 200-500 M
Max. width of fabric can be check	: 65" (Inches)
Light source	: Bottom
Counter	: 0 – 99999 m , L/C : .1m
Fabric movement	: Back to Front
Overall Dimensions of the unit	: 2464 (L) x 1575 (W) x 1422 (H) mm 97" (L) x 62" (W) x 56" (H) Inches.
Net Weight of the unit	: 350 Kg. (770 lb) Aprox.