

HFI-WR-11H-SCR-2

TENSIONLESS MULTI-FUNCTION FABRIC INSPECTION CUM WINDING AND RELAXING (PLAITING) MACHINE (AUTO-EDGE ALIGNMENT)

Lybra Fabric Edge Curling & Crease Mark Removal cum Winding



Auto Edge Alignment - winding



Relaxing (Plaiting)

DESCRIPTION

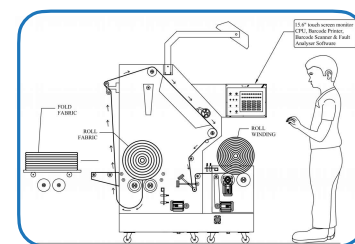
SUITABLE FOR : Tubular, Open-Knitted, Woven, Lybra Fabrics

RVR's "HFI-WR-11H-SCR-2" Fabric inspection machine is capable of inspecting in 4 ways. It is a fully electronic machine with inverter controlled. It has a wide viewing area to check fabric throughly. For tension-free fabric feeding, the automatic fabric feeder and dancing bar is controlled by sensors via a PLC drive. It has an Auto-Edge alignment feature to ensure optimum edge winding.

SPECIAL FEATURES

- Scroll Roller is used to remove curled edges from the fabric ends.
- For effective inspection, forward and reverse motion is provided.
- All rollers are synchronised with the inverter
- The relaxing function in the Plaiting options is used to relieve fabric tension.
- Measuring Device (MD) is used to displays the length of the fabric inspector.
- Defect Counter (DC) is used to determines the number of defects in fabric.
- Emergency Stop facility is provided as per Safety Norms.

FEEDER DRAWING



INSPECTION METHODS

Roll to Roll	Fold (Plating) to Roll
Roll to Fold (Plating)	Fold (Plating) to Fold (Plating)

INSPECTION LIGHT SETUP

Top Illumination	Detects Dyeing and Printing Defect
Bottom Illumination	Detects Weaving Defects
UV Light	Detects Colour Shades Defects

TECHNICAL SPECIFICATION

DESCRIPTION	72 INCH MODEL	96 INCH MODEL
Dimension - (W x L x H) mm	1500 x 2400 x 1800	1500 x 2900 x 1800
Power Supply	220 V / 50-60 Hz , Single Phase AC Supply	
Speed	0-80 yard / min	
Drive	PLC AC Drive : 1Hp - 1 No; 0.5 Hp - 4 Nos	
Motor Specs Included	1 Hp (0.750 Kw - 4 Pole) - 1 No 0.5 Hp (0.375 Kw - 4 Pole) - 4 Nos	
Net Weight	750 Kg	