

# HFI-WR-18H

## MULTI-FUNCTION FABRIC INSPECTION CUM WINDING & RELAXING (PLAITING) MACHINE

Lycra Fabric Edge Curling & Crease Mark Removal cum Winding



**SUITABLE FOR :** Tubular, Open-Knitted, Woven, Jeans Fabrics



Winding



Relaxing (Plaiting)

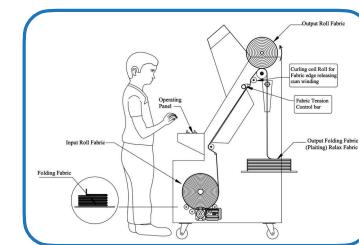
### DESCRIPTION

RVR's "HFI-WR-18H" 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. The fabric speed is adjustable with the variable speed-controlled Fabric Feeder device. The controlling switches are positioned to the centre of the machine for better inspection.

### 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 (Plaiting) to Roll            |
| Roll to Fold (Plaiting) | Fold (Plaiting) to Fold (Plaiting) |

### TECHNICAL SPECIFICATION

| DESCRIPTION                | 72 INCH MODEL  | 96 INCH MODEL      |
|----------------------------|--|--------------------|
| Dimension - (W x L x H) mm | 1000 x 2400 x 1500   | 1000 x 2950 x 1500 |
| Power Supply               | 220 V / 50-60 Hz, Single Phase AC Supply                             |                    |
| Speed                      | 0-80 yard / min  |                    |
| Drive                      | AC Drive: 1Hp - 1 No; 0.5 Hp - 2 Nos                                 |                    |
| Motor Specs Included       | 1 Hp (0.75 Kw - 4 Pole) - 1 No<br>0.5 Hp (0.375 Kw - 4 Pole) - 2 Nos |                    |
| Net Weight                 | 500 Kg   |                    |

### INSPECTION LIGHT SETUP

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