

# H.T.H.P. Horizontal Yarn Dyeing Machine



## Features :

- Capacity from 15 kgs to 540 kgs
- Very low liquor ratio from 1:4 to 1:5
- Variable loading i.e. Loading up to 30% possible.
- Savings of water, chemical, heat & electrical energy thus low running cost.
- Low ceiling height, only 3 meters required.
- Overhead hoist and working platform not needed.
- Locking/unlocking of all tube lids by electro-pneumatic devices.
- Coil type heat exchanger for efficient and fast heat transfer.
- Design ensures complete drain of liquor.
- Large Saving of capital and operational cost.
- Working Temp. up to 140 OC, Working Pressure Up to 4 kg/cm<sup>2</sup>

## Technical Specification :

### Type of Fibers / Fabric :

Yarn Packages, Zipper Tapes, Small width Fabrics, Warn Beams etc.

### Maximum working temperature :

135°C

### Maximum working pressure :

4 kg/cm<sup>2</sup>

### Heating Rate :

20°C - 130°C approx 30 min (Saturated steam pressure 7 kg/ cm<sup>2</sup>)

### Cooling Rate :

130°C - 80°C approx 20 min (Cooling water at 3 kg/cm<sup>2</sup>)

### MOC :

SS 316L

### Capacity :

15kg to 540kg

### Panel Board :

Programmable Semi Automatic

### Optional :

Fully Automatic.

### Application :

Packages, Bobbins, Loose Fiber, Hank Yarn, Beams, Muffs / Tops

## Technical Specification :

MOC : SS 304

### Capacity :

depend upon no. of packages

### Panel Board :

Programmable Semi Automatic

### Application :

spring Packages, Loose Fiber, Hank Yarn

## Features :

- Quick and maximum hydro extraction at high speed & High productivity AC Inverter drive is used for soft start and dynamic braking.
- For vibration free running it is provided with unique three point shock absorption system.
- Compact design, less floor space required.
- The machine is sturdily built and dynamically balanced to high accuracy.

# Hydro Extractor

