



National Textile

Engineering Industries

**RUBBER COVERING /
ELASTIC YARN COVERING MACHINE**



ABOUT US

NATIONAL TEXTILE ENGG INDUSTRIES

Since 2004 , NATIONAL TEXTILE ENGG INDUSTRIES has a strong foothold in the textile industry, with continuous innovation approach and latest cutting edge technology upgradation within company infrastructure, we are the leading manufacturer in India possessing a vast range of 72 types of different which makes us one and only of our kind all over India. Regardless of the size and scale of your company we understand the investment in new machine is done with analyzing the viability of project, quality of product produced, durability of machine and a long term vision in mind. So Correct selection of machine can make a difference in your business.

SELECTION OF MACHINE WITH GUIDANCE OF QUALIFIED ENGINEERS

Because we are here to make a difference in your business

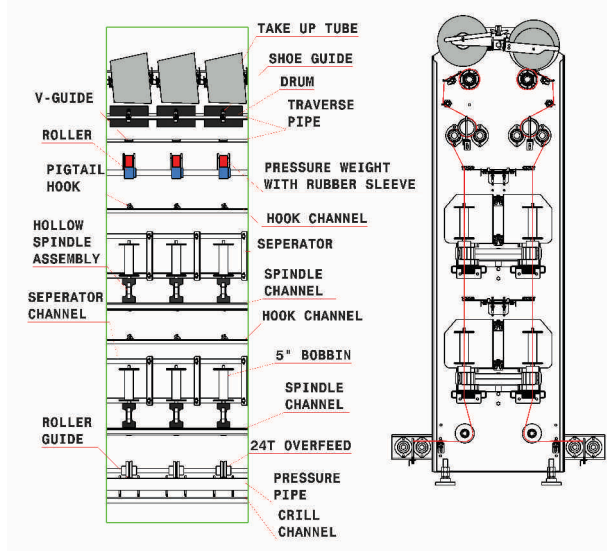
Utilizing the resources like man power, space availability, electricity consumption, operating expenses, investment and time get the most valued output promise.

National machines is right choice for fastest technology absorption, Instead its necessary in competitive market times.

WIDE RANGE OF TWISTING, DOUBLING ,COVERING & WINDING MACHINE

- Cotton/ Spun Tfo Machine
- Industrial Yarn Tfo Machines
- Thread Doubler Tfo Machines
- Elastic Yarn Covering Machines
- Spandex Yarn Covering Machine
- Jari Doubler Machines
- Bobbin Winder Machines
- Assembly Winder Machines
- Intermingling Machine
- Filament Tfo Machines
- Ring Doubler Machines
- Jari Covering Machine
- Cabler Tfo Machines
- Snz Covering Machine
- Cone To Cone Sizing
- Cops Winder Machines
- Multiply Winder Machines
- Customised Machines
- Cone Winding Machine

RUBBER COVERING / ELASTIC YARN COVERING MACHINE



National Elastic yarn covering machine or rubber yarn covering machine, widely used for manufacturing yarns for making elastic tapes, face mask elastic, elastic string, garment elastic accessories, garment smoking, used in production for undergarments, socks panty hose, etc

MODEL	ELASTIC/ RUBBER YARN COVERING MACHINE			
HRC	HRC -85MM	HRC -170MM	HRC -230MM	CUSTOM
SPINDLE TYPE	6202	6202	6202	
NO OF SPINDLE PER SECTION	32	32	32	
NO. OF TAKE UP PER SECTION	16	16	16	
SPINDLE BLADE	EN8 HARDEN	EN8 HARDEN	EN8 HARDEN	
SPINDLE PITCH	204	204	204	
SECTION LENGTH	1750	1750	1750	
MACHINE STRUCTURE	SHEET METAL – PD MODULAR	SHEET METAL – PD MODULAR	SHEET METAL – PD MODULAR	
PRESSURE SYSTEM	PRESSURE 1 KG WITH RUBBER SLEEVE	PRESSURE 1 KG WITH RUBBER SLEEVE	PRESSURE 1 KG WITH RUBBER SLEEVE	
DENIER RANGE	900	900	900	
TWIST RANGE (TPM)	200-800	200-800	200-800	
TAKE UP SIZE	85 MM ROLL	175 MM PAPER TUBE	230 MM PAPER TUBE	
SPANDEX ATTACHMENT	OPTIONAL	OPTIONAL	OPTIONAL	
BEAM ATTACHMENT	OPTIONAL	OPTIONAL	OPTIONAL	
M/C WIDTH (MM)	900	900	900	
M/C HEIGHT (MM)	2000	2000	2000	
VFD FOR RPM	OPTIONAL	OPTIONAL	OPTIONAL	
AUTOMATION FOR RPM & TPM	OPTIONAL	OPTIONAL	OPTIONAL	
DRIVE PANEL	D.O.L / STARDELTA	D.O.L / STARDELTA	D.O.L / STARDELTA	
TRAVERS SYSTEM	MECHANICAL/SERVO	MECHANICAL/SERVO	MECHANICAL/SERVO	

SPINDLE

Specially gun drilled one piece hollow spindle with optimum pulley size to reduce energy consumption and maximize the spindle rpm to ensure higher production rates. Enclosed in housing and mounted with High temperature greasing bearing to ensure performance at higher speeds



GEARBOX / CAMBOX

Auto oil circulation gearbox box with dedicated motor and pump to ensure continuous lubrication And minimize wear and tear maintenance. Fully oil immersed cambox to reduce mechanical friction, efforts and losses

+ Easy operating of gearbox with 6-8 gears covers a wide range of 100-3000 tpm in just 10 min.

+ Fully manufactured In house to ensure the life long quality performance.
+ Anti patterning settings for take up package winding

PACKAGE SIZE

Wide range option to choose from roll takeupsizes , direct papertubetakeup sizes , or direct beam takeup also available with attachment to takeupto 3 beam at a time. Depending upon the end use of yarn take up package size can be customized and opted accordingly.



PLC CONTROL SYSTEM



Plc system with touch screen HMI display to access and control machine working parameters effortlessly just with control of simple touch. Servo motor and servo systems ensures precise and steeples setting of all parameters.

+ RPM control for changing rpm for different yarn count.
+ TPM control to set and change different tpm.

+ TRAVERS Control to control cross winding angle on takeup package.

SPANDEX ATTACHEMENT

This machine can be geared up with spandex attachment which will enable and makes the machine flexible to run spandex/lycra yarn as well and elastic yarn as well on same machine at a time. This allows customer to cater requirements from a wide market segment.



KEY FEATURES

- Modular sheet metal structure to deliver strong mechanical support and sturdiness and stability at higher speeds.
- Yarn feed control setting providing with overfeed settings
- Tpm and rpm automation for easy operation without any need to change any gear and pulleys.
- Pressure roll covered with rubber sleeve to ensure to finest quality delivered from the machines
- Special gun drilled one piece hollow spindle to increase life and ensure the uniform quality of yarn produced.
- High temperature greasing bearing to maintain the performance of the bearings and spindle and their life.
- Superior quality with good stretch and covering of effect yarn. Smooth finishing of final product produced as per requirement.
- High speed spindle machine designed to make the conversion cost economical.
- Low electricity consumption, helps you fulfill the responsibility of energy conservation & also benefits in reduced production cost.
- Optional direct beam take up attachment provision.
- Cast iron bearing pedestal to increase life and reduce frequent maintenance.
- 7 tank powder coated process machine structure ensure long life & performance of machine.



ANYTHING ELSE YOU WANT TO ACCOMPLISH WITH SPANDEX YARN COVERING MACHINE/ LYCRA YARN COVERING MACHINE..? ENTHUSIAST FOR DEVELOPING NEW PRODUCTS AND INFLUENCE THE MARKET ..? DROP US AN INQUIRY WOULD LOVE TO CRAFT A UNIQUE SOLUTION ACCORDING TO THE REQUIREMENT.

Note:-



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