



National Textile

Engineering Industries

STPT TFO DOUBLER 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

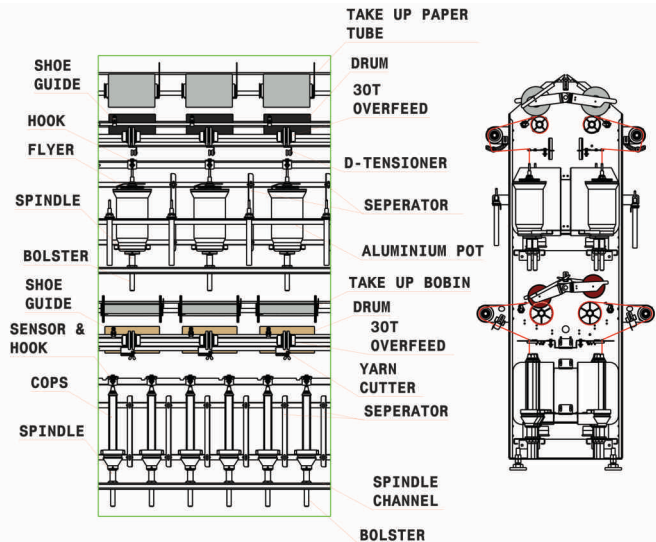
Utilizing the resources like man power, space availability, electricity consumption, operating expenses, investment and time get the most valued output promise.

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

STPT TFO DOUBLER MACHINE



National TFO DOUBLER machine is the most Efficient choice, in terms of production cost, for producing 2ply-3ply & multiply for yarn , Polyester , PP , Nylon , High tenacity yarns, HDPE yarns, PP tapes twisting, we have twisting solutions for almost any industry you can come up with. With our infrastructure, strong team of qualified engineers, and profound knowledge and understanding of textile industry we are specialized in customization, According to customers, custom requirements.

MODEL	Stpt TFO DOUBLER MACHINE				
STPT	STPT-70/110P	STPT-90/120P	STPT-110/165P	STPT-120/190	CUSTOMISED
POT DIAMETER PRIMARY(MM)	70	70/90	110	120	AS REQUIRED
POT DIAMETER SECONDARY(MM)	110	120	165	190	AS REQUIRED
NO OF SPINDLE PER SECTION	30	18	18	20	
SPINDLE PITCH PRIMARY (MM)	140	175	204	230	
SPINDLE PITCH SECONDARY(MM)	280	350	300	340	
SECTION LENGTH	1465	1145	1330	1450	
DENIER RANGE PRIMARY	300	900	1200	2000	
DENIER RANGE SECONDARY	600	2000	3500	6000	
TWIST RANGE(TPI)	200 - 800	200 - 800	100-500	100-500	
TAKE UP SIZE	175/230	175/230	230/280	230/280	
M/C WIDTH(MM)	900	900	900	1100	
M/C HEIGHT(MM)	2000	2000	2250	2250	
DRIVE PANEL	STARDELTA	STARDELTA	STARDELTA	STARDELTA	
ONLY RPM CONTROL (INVERTER DRIVE CONTROL)	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	
RPM/TPM AUTOMATION	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	
AUTO CRADLE LIFTING	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	
TRAVERS SYSTEM	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	
SERVO TRAVERS CONTROL SYSTEM	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	
OVERFEED DEVICE	CERAMIC TYPE	CERAMIC TYPE	CERAMIC TYPE	CERAMIC TYPE	

ENERGY EFFICIENT SPINDLES

The energy saving design of spindles and machines are designated to keep tension on yarn minimum during twisting which reduces the mechanical load.

And in turns saves in electricity cost.

We beforehand the project installed, provide detail costings for electricity consumed in our machines according to your requirement.



GEARBOX / CAMBOX

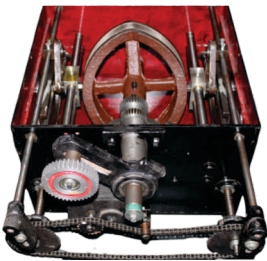
This Two components are considered as heart of machines, so for healthy operation machines heart of machines has to be healthy. Gear box and cambox are manufactured in house with world class german imported machineries ensure our strict quality parameters, with proven metallurgy to ensure trouble free Performance for more than 20 years on an average. Also designed in self maintained way with oil immersed and auto oil circulation technology.

+ 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.

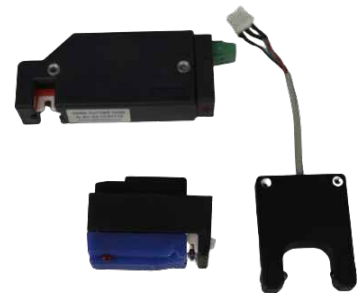
+ Simple cambox setting to alter traversing and length.

+ Anti patterning settings for take up package winding



OPTICAL SENSORS AND CUTTERS

Equipped with High sensitivity optical sensor and quick response operating speed cutter combination works and respond with lightning speed in case of absence of any ply to avoid single ply and yarn wastage get along with red light indication for labor notices. And avoid labor, time, and production wastages further.



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.





KEY FEATURES

- Twister For PP, POLYESTER , NYLON, HIGH TENACITY YARNS, VISCOSE.
- Each of the primary spindle is equipped with sensor and lightning fast cutter sensor will sense the either ply breakage and cutter will operate to reduce yarn wastage.
- Sturdy Cradle for Secondary Take-up enables Vibration Dampening & Auto-Pressure adjustment system, to have a precise package with optimum quality.
- As with keeping colours and dyeing application in mind we have designed machine that can offer direct soft-package taken on Perforated Tubes or Dye-Springs with optional gearbox offering Individual Bi-Conical Tapering & Edge Breaking system
- Common Overfeed in PRIMARY ensures uniform Ply tension in take-up which in turn ensures even tension during unwinding in the SECONDARY stage.
- Yarn path is designed in a such way that it ensures minimum tension on yarn and reduce electricity consumption, which is been achieved by quality designed of machines.
- Ceramic devices and hard anodized/plasma coated spindles for handling the yarn delicately to ensure optimum quality.
- Complete oil immersed cambox for trouble free smooth operation and minimum wear & tear through the 20 years of life of machine.
- Auto oil circulation gearbox take cares of its own lubrication, without any regular attention of operator. Which reduces maintenance cost of machines

IN OUR CATALOGUE OF 72 TYPES OF DIFFERENT MACHINES TO NAME SOME IN DOUBLER CATEGORY WE HAVE FISHNET TWINES MAKING MACHINE, BAG CLOSING THREAD MAKING MACHINE, PP TWINES , BALER TWINES , CARPET YARN MAKING MACHINES , EMBROIDERY THREAD MAKING MACHINE, TIRE CORD MAKING MACHINES, SEWING THREADS MAKING MACHINES, AND OTHER HEAVY INDUSTRIAL APPLICATION THREADS MAKING MACHINES.

Note:-



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