

CAPACITIES OF N-TEX PIRN WINDING MACHINE

	Minimum	Maximum
Pirn Length (Standard)	150 M.M.	190 M.M.
Second Type	190 M.M.	225 M.M.
Third Type	225 M.M.	250 M.M.

Spindle Speed

R.P.M. For Cotton	3000	7000
R.P.M. For Silk	3000	6000
Bunch Length	2 Meters	15 Meters
Number of Traverses per Lift	6 – 10	13

Electric Motor Recommended

Spindle	3 Phase A.C.	R.P.M.
4 Spindle Unit	½ H.P.	1500
8 Spindle Unit	1 H.P.	1500

* Along with continuous development and improvement in our machine, we reserve the rights to change the design, dimensions and specifications without prior notice.

Profile

With the mission of exceeding customer needs through the leveraging of skills, technology and achieving functional excellence, the N-TEX Group, since its inception in 1972, has gained prominence as a leading manufacturer of industrial machinery. The Group has always focused on delivering the best of its products and services through defined processes, stringent quality policies and state-of-the-art technologies. And with clear and focused growth plans on the horizon, the N-TEX Group is geared to design product solutions that satisfy the client's requirements to the core.

Under the dynamic leadership of Mr. Hardashbhai Patel, the N-TEX Group has received acclaim not only in India, but abroad as well, with export operations to countries like Nepal, Sri Lanka, Bangladesh, Zambia, Sudan, Tanzania, Ethiopia, Canada, Iraq, Turkey, Nigeria and South Africa.

The N-TEX Group is involved in the manufacturing of:

- Cheese Winder Machine
- Sutli (PP String) Winder Machine
- Circular Looms
- Printing machine
- Bale Press
- Textile Machinery

N-TEX also provides comprehensive solutions to the woven sacks industry.

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Since : 1972

High Speed Automatic Pirn Winder Machine

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High Speed Automatic Pirn Winder Machine

TECHNICAL DATA:

The basic unit consists of spindles. It can be joined together to obtain 8 spindles. Each unit of 4 spindles driven individually by $\frac{1}{2}$ HP electrical motor is connected to a counter shaft mounted underneath the spindle box. 8 spindle units are driven by the gears mounted in the spindle box. Oil circulating device is provided for continuous and thoroughly lubricating specially developed fiber gears for smooth and long life. Other parts are made from highly graded materials to obtain higher efficiency and zero maintenance.

SALIENT FEATURES:

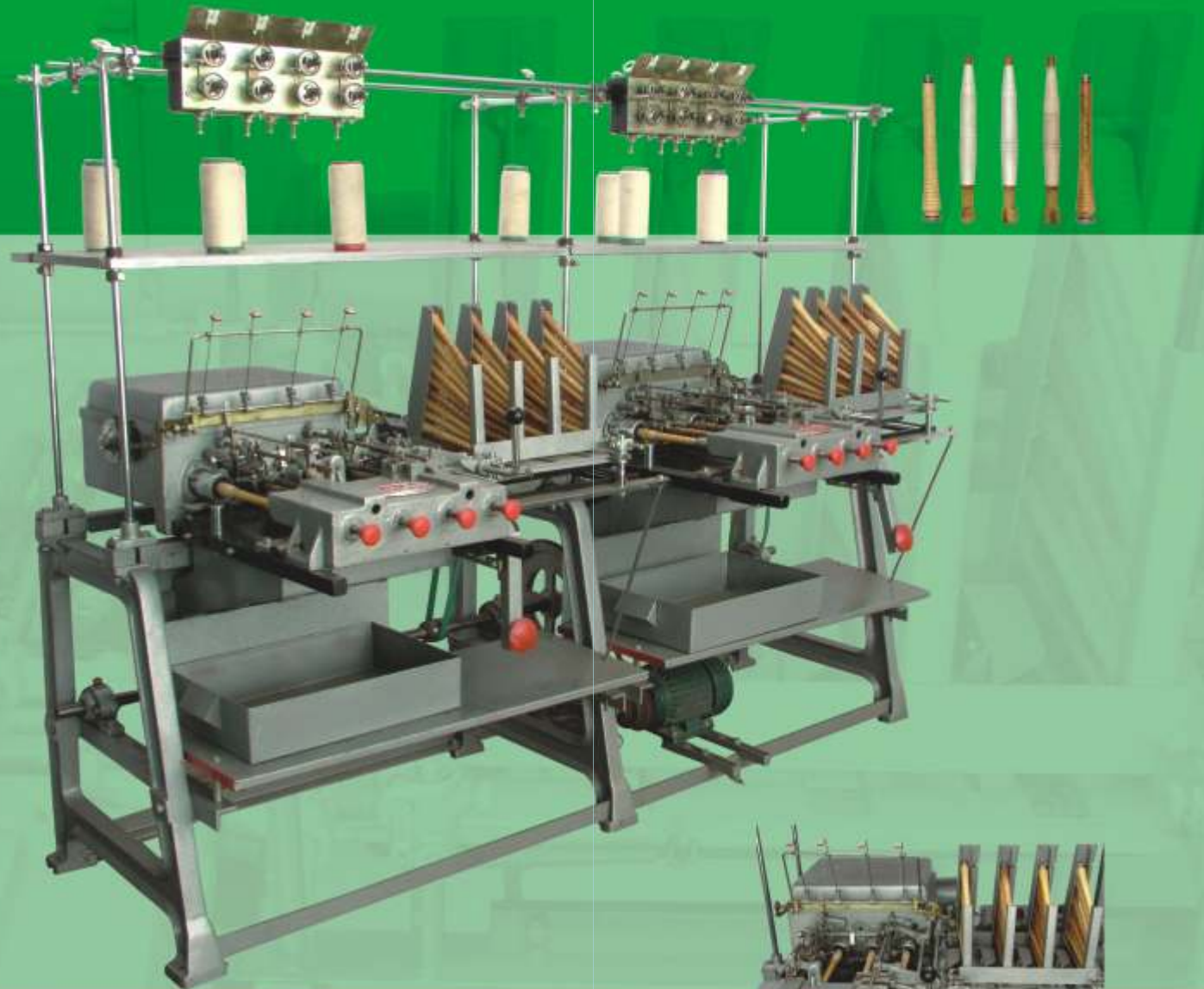
- A. Compact and Sturdy construction. Elegant, economic, easy to maintain with trouble free operations.
- B. Rigid quality control. 24 hrs working before dispatches. Strict supervision by highly qualified technical staff, backed by 30 years of experience.

AREAS OF APPLICATIONS:

Being an automatic pirn winding machine, it is most ideal for the winding of synthetic polyethylene fiber yarn, cotton (10 counts to fine superfine) filament yarn, Silk, Nylon terry line, terry cot and woolen yarn.

OPERATIONS:

- A. Empty pirn (bobbins) used for winding are arranged in an adjustable magazine, according to pirn size.
- B. When the dimensions of pirn are adjusted, the rotating pirn is held between the back and front carriers and, is also adjusted by moving the slipper box.
- C. The desired pirn diameter can be adjusted by the regular wheel, mounted on left of spindle box. The cones are placed on a platform above the machine. The yarn is unwound from the cones passing through the tension device, stopping motion eyes and yarn guides and winding the pirn.



- D. Being an automatic machine, it is operated for pirn changing when the required length of yarn has been wound on the pirn. The wounded pirn is replaced by the empty one. Simultaneously, the weft is caught again and cuts in time. Moreover the machine stops automatically in case of breakage of yarn without loss of time

