



TWO - FOR - ONE TWISTER
High Tenacity High Bulk Yarn



**TEXPRO
230 HBT**

An indigenous technology holding international status

AALIDHRA

leading quality on economy wheels

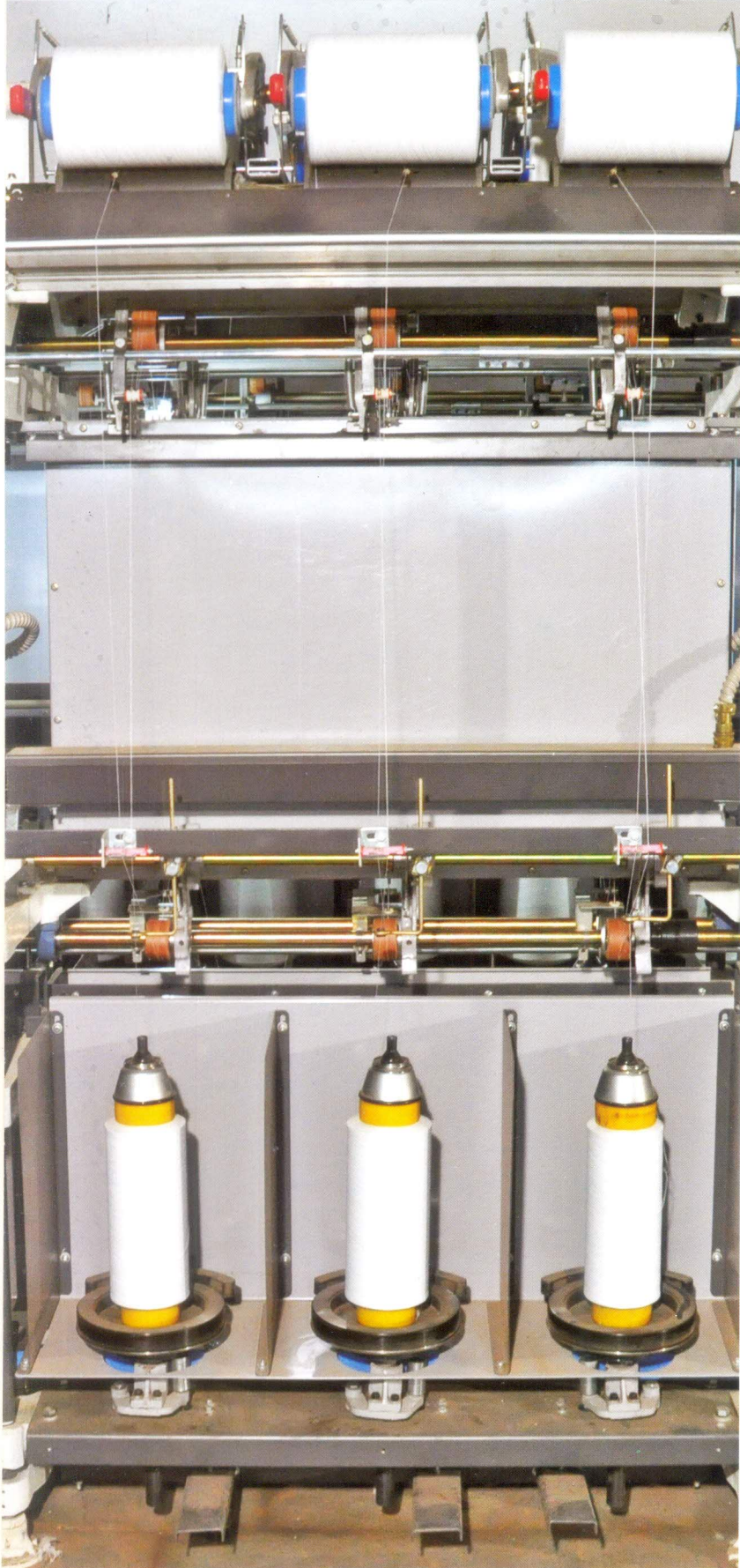
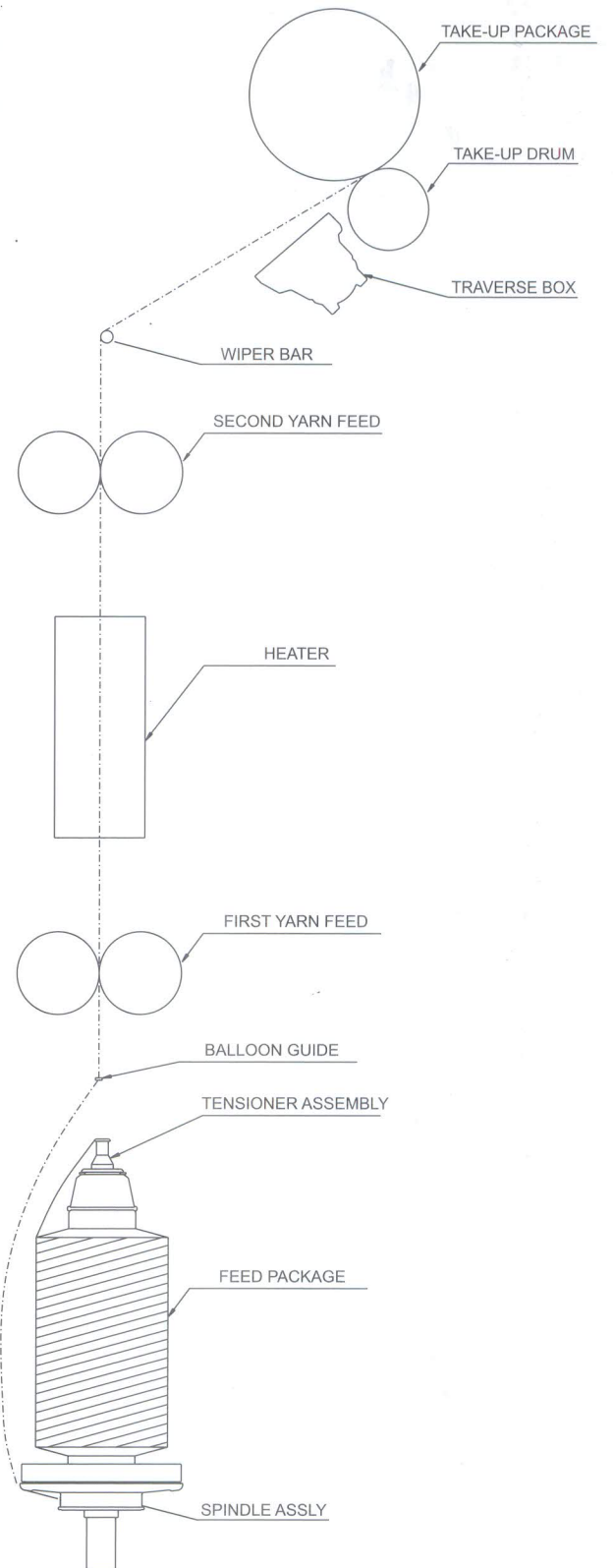


DIAGRAM TEXPRO-230 HBT



TECHNICAL DATA TEXPRO-230 HBT

NO OF POSITION	72	84	96	108	120	132	144
NO OF SECTIONS	12	14	16	18	20	22	24
LENGTH OF MACHINE (Feet)	43	49	56	62	69	75	82
CONNECTED DRIVE (KW)	9.37	9.37	11.25	11.25	15.00	15.00	18.75
CONNECTED HEATER (KW)	4.80	5.60	6.40	7.20	8.00	8.80	9.60
TOTAL CONNECTED (KW)	14.17	14.97	17.65	18.45	23.00	23.80	28.35
SPINDLE / SECTION	6 Nos.						
SECTION LENGTH	975 mm.						
SPINDLE PITCH	300 mm.						
SPINDLE POT DIA	130 mm. / 145 mm. / 190 mm. / 210 mm.						
FEED PACKAGE	57/69 mm. ID x 290mm. Length tube. OR 48 x 125 x340 mm. bottle spool OR 420 m length cops tube with 135 OR 150 mm Package Dia.						
TAKE UP TUBE	57/69 mm ID x 230 mm length tube.						
TAKE UP PACKAGE WEIGHT	Up to 3000 gms (Normal Density)						
TAKE UP PACKAGE DIA	Up to 260 mm.						
SPINDLE R.P.M.	Up to 11000.						
VIABLE TWIST RANGE	30 to 200 TPM						
VIABLE DENIER RANGE	50 to 1000 Denier						
TAKE UP SPEED	Up to 250 mts/min						
TAKE SYSTEM	Highly sophisticate traverse box for individual side & section with cradle take up provided with Damping and settable biconical feed back and Package Softness.						
TRAVERSE SPEED	200 CPM						
FIRST & SECOND YARN FEED	Provided for individual spindle with steel drum and nip roll with wrap guide at Heater entry & exit. and nip roll with wrap guide at Heater entry & exit.						
YARN SETTING HEATER	600 mm long, vapour phase close non - contact type group heater for six ends/each section contact type group heater for six ends/each section.						
TEMP RANGE & CONTROL	125 to 250 degree centigrade, Microprocessor type settable control						
MACHINE WIDTH	900 mm.						
MACHINE HEIGHT	1850 mm						

HIGHLIGHTS : TEXPRO-230 HBT

- The 100 % indigenous technology meeting wide application area in high crimp rigidity, high tenacity, high bulk yarn for technical textile, industrial textile, geological textile, wear fabrics etc.
- The most energy efficient technology.
- Highly economical system for all wide denier range in any filament crimp yarn.
- Operator friendly yarn path.
- Live display of temperature, R.P.M., T.P.M and yarn speed.
- Micro processor type temperature controller.
- Ball tensor type feed tension control.
- Operating panel with heater temperature control panel, MCB, start, stop push button, motor protecting devices & smooth start.
- Positive yarn (overfeed) drive at heater entry and exit which ensure high CR and high bulk.
- Highly sophisticated ceramic guided yarn path.
- Single deck sturdy frame structure.
- Highly sophisticated traverse Cam Box for individual section / side with settable biconical angle for individual position.
- Bottom opening traverse guide avoids winding at take-up.
- All over this technology will provide global leadership for manufacturing of binding filament twisted yarn with high bulk, C.R. & tenacity at unbelievable lower process cost and internationally acceptable quality and knotless package content of 1200 gm.
- Very low density takes up package which ensure high CR after yarn dyeing .



Manufacturer

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Marketed by

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Some Optional devices are shown in illustration and photos.

AALIDHRA/2012