

SERVO COPS WINDER MACHINE



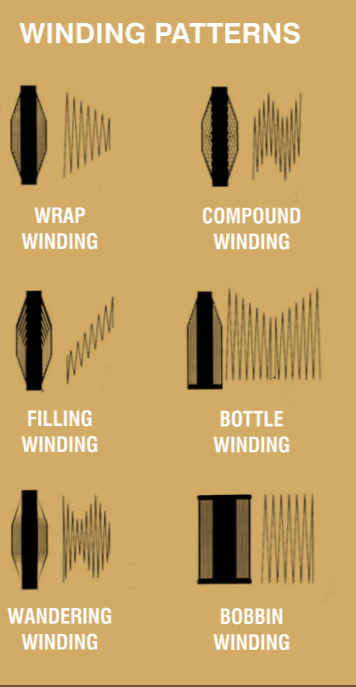
Model - BE SCW 712

Application:

The Winding Machine Delivers Uniform Yarn Speed Without Change in Tension To Ensure High Quality Winding.

Technical Specification:

No. of Positions	80	100	120	140
No. of Sections	4	5	6	7
Machine Length (Ft.)	28	34	39	45
Frame	Heavy Duty Sandwich Metal Single Deck Both Side			
Machine Width	1500mm			
Machine Height	1850mm			
Spindle Diameter	35mm Heavy Duty			
Spindle Speed	Up to 6000 RPM			
Cops Diameter	32x36mm/240 to 420mm			
Speed Control	Closed Loop PLC Drive			
Spindle Brake	Individual			
Yarn Speed	Up to 800 Meter Per Minute			
Traverse System	Servo Motors with Ball Screw 2 PLC			
Yarn Lubrication	Individual Oil Roller			



Key Features:

- Drive Systems - 100% Programmable Speed, Shape, Traverse Ratio, Winding Ratio, Length Width By PIC with Touch Screen HMI.
- Pressure Pulley - Belt Pressure Pulley Between Every Two Spindles Ensures Zero Slippage Free Operations.
- Precision Dial Tensioners - High Precision Dial Tensioners with Super Finished Ceramics That Support Wide Variety of Yarns.
- Parameters - Close Loop PLC with Wide Range of Programmable Parameters.

ABOUT US



Bhagwati Engineering is a living dream of **Mr. Prahlabhai Patel (Founder)**. His dedication towards doing something extraordinary to the Textile industry proved remarkable. Our firm came into existence in 1998, and its been 27 years we're serving Indian Textile with top-notch machines easing everyday tasks. A Glance at our Bestseller Textile Machines. We stand as one of the most recognized & reputed Textile Machinery Manufacturers in India.

Here Are Our Bestsellers & Specialties:

1. Two For One (T.F.O) Machine (Plastic Roll)
2. Paper Tube/Aluminium Roll T.F.O Machine
3. Servo/Mechanical COPS Winder Machine
4. Cotton Spun T.F.O Machine
5. Jari Covering Machine and Other Textile Machine



BHAGWATI
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ENGINEERING

An ISO-9001-2015 Certified Company

YOUR TRUST MADE US PROUD

Manufacturing of All Kind of Two For One (T.F.O) Twisting Machines, Mechanical Cops Winders/Servo Cops Winders

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FILAMENT YARN TFO FOR PAPER TUBE / FLANGED ROLL (ALLUM.)



Model - BE - 3528

Application:

Suitable for High Twist To Fine Denier Filament Yarn Like Viscose, Polyester, Acrylic, Nylon Etc.

Technical Specification:

No. of Spindles	432	468	504	540	576
No. of Sections	12	13	14	15	16
Machine Length (Ft.)	69.8	74.8	79.8	84.8	89.8
Power (HP)	4x2	5x2	5x2	5x2	7.5x2

Spindle/Section	36
Spindle Pitch	168mm
Take up Device: Paper Tube	45.57x135mm
Aluminium Roll	79x128mm
Feed	Parallel Cops (Alluminium)
Spindle Pot	70mm/80mm/90mm
Content	Up to 750 Gms
Pot Material	SS/Aluminium (Plasma Coated/Nano Coating/ Anodise)
Take up Traverse	Dual Gearbox with Anti Patterning or Bi-Conical
Denier Range	15 to 300 Denier
TPM Range	400 to 4000 TPM
Spindle RPM	8000 to 14000 RPM
Machine Width	725 mm
Machine Height	1980 mm

Key Features:

- High Productivity & Efficiency.
- M.S Sturdy Frame Structure Gives Vibration Free, Low Energy Consumption and Smooth Running.
- Ideal Spindle Design for Low to High Twist.
- VFD Drive for RPM Control or Penal for RPM Control.

FILAMENT YARN TFO FOR PAPER TUBE / FLANGED ROLL (ALLUM.)



Model - BE - 5550

Application:

Suitable for High Twist To Fine Denier Filament Yarn Like Viscose, Polyester, Acrylic, Nylon Etc.

Technical Specification:

No. of Spindles	384	416	448	480	512
No. of Sections	12	13	14	15	16
Machine Length (Ft.)	69.8	74.8	79.8	84.8	89.8
Power (HP)	4x2	5x2	5x2	5x2	7.5x2

Spindle/Section	32
Spindle Pitch	182mm
Take up Device: Paper Tube	45.57x155mm
Aluminium Roll	79x150mm
Feed	Parallel Cops (Alluminium)
Spindle Pot	70mm/80mm/90mm
Content	Up to 1000 Gms
Pot Material	SS/Aluminium (Plasma Coated/Nano Coating/Anodise)
Take up Traverse	Dual Gearbox with Anti Patterning or Bi-Conical
Denier Range	15 to 300 Denier
TPM Range	400 to 4000 TPM
Spindle RPM	8000 to 14000 RPM
Machine Width	725 mm
Machine Height	1980 mm

Key Features:

- High Productivity & Efficiency
- M.S Sturdy Frame Structure Gives Vibration Free, Low Energy Consumption and Smooth Running.
- Ideal Spindle Design for Low to High Twist.
- VFD Drive for RPM Control or Penal for RPM Control.

FILAMENT YARN TFO FOR FLANGED ROLL (PLASTIC)



Model - BE - 104

Application:

Suitable for High Twist To Fine Denier Filament Yarn Like Viscose, Polyester, Acrylic, Nylon Etc.

Technical Specification:

No. of Spindles	480	512	544	576	608	640
No. of Sections	15	16	17	18	19	20
Machine Length (Ft.)	68.75	73.25	77.75	82.25	86.75	91.25
Power (HP)	3x2	3x2	4x2	4x2	5x2	5x2

Spindle/Section	32
Spindle Pitch	155mm
Take up Device	Flanged Roll (Plastic) 112x142 or 112x152
Feed	Parallel Cops (Aluminium) 32/36x240 or 260 or 270mm Tube
Spindle Pot Diameter	70mm/80mm
Pot Material	SS/Aluminium (Plasma Coated/Nano Coating/Anodise)
Take up Traverse	Drum Base Traverse Gearbox for Uniform Package
Denier Range	15 to 300 Denier
TPM Range	250 to 4000 TPM
Spindle RPM	6000 to 14000 RPM
Machine Width	650mm
Machine Height	1700mm

Key Features:

- High Productivity & Efficiency.
- C.I. Sturdy Frame Structure Gives Vibration Free, Low Energy Consumption and Smooth Running.
- Ideal Spindle Design for Low to High Twist.
- VFD Drive for RPM Control or Penal for RPM Control.
- Imported Nylon Sandwich Belt for Max Performance.

Production Capacity: Production in Kg/Spindle/Day = $\frac{0.00032 \times \text{Spindle RPM} \times \text{Denier}}{\text{TPM}}$

PRESSURE JARI COVERING MACHINE



Model - BE JC 888

Application:

Suitable For High Quality Covering Metallic Jari on Viscose, Nylon, Polyester and Cotton Yarn

Technical Specification:

No. of Spindles	504	540	576	612	648
No. of Sections	14	15	16	17	18
Machine Length (Ft.)	64	68.5	73	77.5	82
Power (HP)	4x2	4x2	4x2	5x2	5x2

Spindle Pitch	135mm
Height of MIC	75inch with Pressure
Machine Working Speed	7000 to 11000 RPM
Machine Twisting Range	1000 to 4000 TPM
Traverse Mechanism	Cam Bot with Oil Bath
Traverse System	Parallel
Starter	Direct Online or Drive Optional
Take up	100mm/135mm Flanged Roll (Plastic)
Take up Package Weight	Up to 500gms

Key Features:

- Dynamic Balanced Spindle With Neutral Rubber Cushion Bearing Bush Offers Low Noise Level
- Heavy Duty And Robust Structure Makes Machine Long Lasting
- Hard Chrome Take Up Rolls With High Surface Finish Maintain Quality of Metallic And Kasub

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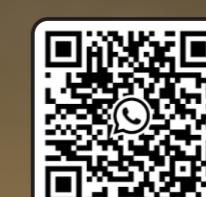
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