

Servo Controlled Cop Winder

Model - S - 700



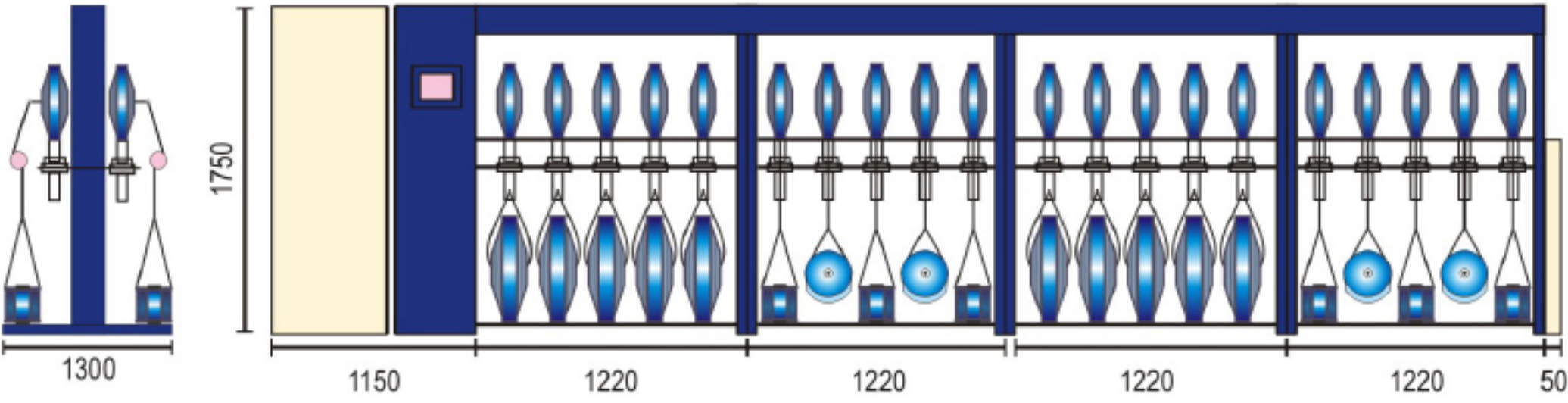
Technical Specifications

FRAME	Single Deck on both sides
SUPPLY PACKAGE	Cheese of diameter 450 mm or DT cops
TAKE UP PACKAGE	42 mm. or 36 mm. diameter prin / cop of length 240 to 420 mm. bottle or bobbin
YARN SPEED	300 to 700 m / min. constant
SPINDLE MOTOR	3.70 KW. / 5 HP, 3 Phase 415V / 380V
TENSION DEVICE	V-type knob controlled tension
PARAMETER SETTING	Denier, Yarn type, Yarn speed, Yarn weight, Angle, Yarn pitch, Low point, Stroke length, Winding type
CONTROL DEVICE	PLC system with servo motor driver
WINDING TYPE	Wrap, Filling, Wondering, Compound, Bottle, Bobbin
TRAVERSE DEVICE	Servo motor with ball screw
SPEED CONTROL	Inverter controlled spindle and traverse motor
SPINDLES BRAKING	Individual spindle brake

Features

- Servo motor driven with PLC system featuring the uniform yarn speed without change in tension, so that it's possible to realize the high quality of winding.
- Input & output parameters can be set by touch screen control panel, so that it makes more convenient operation even for unskilled operator.
- The flexibility of its function allows the winding of all pirn, bottle and spool bobbins.

Dimensions



NO. OF SECTIONS	6	8	10	12	
NO. OF SPINDLES	60	80	100	120	Height
LENGTH-METERS	08.52	10.96	13.40	15.84	01.75
LENGTH-FEET	28'00"	36'00"	44'00"	52'00"	05'09"



Application

- ▶ Rewinder for Filament Yarn from bigger cheese to small cop suitable for Twisting Machine
- ▶ Cheese to Pirn winding
 - Bobbin winding
 - Bottle winding

Settable Parameters of Cops which gives Package Formation

Denier

30/6

50/48

84/36

70/72

150/36

62/48

75/36

Yarn Speed

Yarn type

Flat

Textured or

Crimped

Automatic package density selection.

Weight

Stroke Length & Low Point

COPS WINDER SYSTEM

MAIN

DATA

RECIEPE

MEERA

DENIER : 75

WINDING TYPE : WARP

YARN TYPE : F

WEIGHT : 950 Gms

YARN SPEED : 600 MPM

LOW POINT : 15 MM

ENTER DENIER : 75 F

UPPER ANGLE : 19.0

LOWER ANGLE : 19.0

PITCH : 0.30

STROKE : 240 MM

Yarn Pitch

Angle

Touch Screen Panel

Winding Type

Wrap Wind

Filling Winding

Wandering Winding

Compound Winding

Bottle Winding

Bobbin Winding

