

## CVT CAPACITOR WINDING MACHINE MODEL - CVT822B



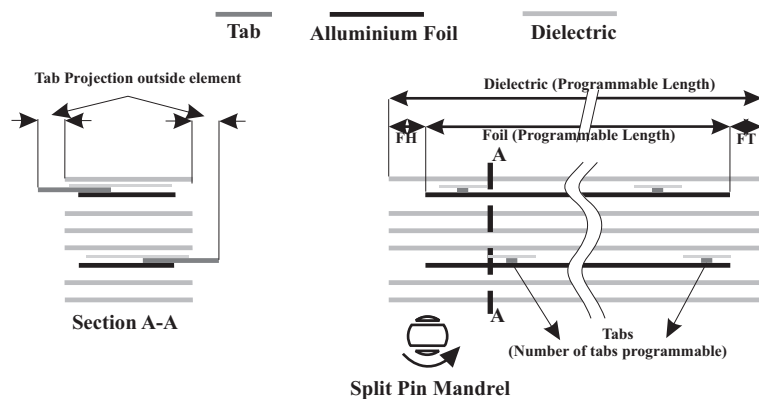
### Features

- ▣ CVT Capacitor with buried foil of width ranging from 36mm to 120 mm and diameter up to 90mm.
- ▣ Feeders with six point Jaw type Grippers for perfect loading and self aligning of spools
- ▣ Low inertia dancing roller for quick response and accurate tension control
- ▣ Ground jockey rollers made out of aluminium alloy, fitted with low friction bearings for precision and long life.
- ▣ Compound collapsible mandrel for auto insertion.
- ▣ LM guide for mandrel movement and servo drives for faster response..
- ▣ Auto tab feeding for predetermined positions up to 16 pairs.
- ▣ Provision for mounting wide range of Mandrels.
- ▣ Rotary encoder attached to the Dielectric feeder for accurate Length measurement.
- ▣ Pre determined length of Dielectric/papers feeding till the mandrel for next cycle of winding through web feed unit.
- ▣ On-line margin setting of spools..
- ▣ Automatic Foil Perforation unit for flawless cutting of foils..
- ▣ Provision of winding internal series capacitors within the same element. (OPTIONAL)
- ▣ Pneumatic tension with low friction cylinders and band break mechanism for feeders.
- ▣ User-friendly programming through touch panel and multiple program memory.

## Technical Specification

Winding Element Dimension			
Number of component per cycle	Single element		
Mandrel Diameter (d)	24 mm standard (Compound Collapsible type) (24mm to 75 mm on request).		
Winding Diameter (D)	Max. 90 mm		
Winding Width (L)	Max. 120 mm.		
Material Dimension	Aluminium Foil	Dielectric Film	Tab
Number of spools	2	6	2
Width	36 to 120 mm	36 to 120 mm	30 mm
Thickness	5 - 8 microns	6 - 15 microns(Film) 11gsm -16gsm (Paper)	150 microns
ID of the spool	75±1mm	75±1mm	75±1mm
OD of the spool	300 mm	300 mm	120 mm
Surface Speed	1.5 to 2 m/sec (Subject to winding quality).		
Winding Speed Setting	Programmable on Human Machine Interface.		

## Winding Configuration



## General Specification

Power supply : 415 V AC , 50 Hz, 3 phase, 4kW .  
 Air supply : Pressure - 5 Bar, consumption - 6cfm.  
 Floor space : 1760 x 1000 x 1820 mm. (W x L x H)  
 Machine weight : 1200 Kgs. (Approximately)

**NOTE:** We reserve the right to modify above specifications at any time. please confirm your specification before ordering.