



**Veejay Lakshmi
Engineering Works Ltd.**

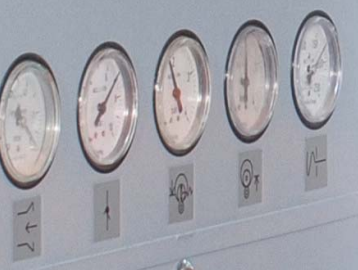
YOUR SEARCH FOR A PERFECT ACW ENDS HERE!



Excello
AUTOMATIC CONE WINDER



TRICHORD CLEARER



Excello

AUTOMATIC CONE WINDER



Custom built ACW. 12 Drums to 64 Drums per machine

Suitable for wide range of yarn count from 2 Ne to 120 Ne. Can process cotton and jute yarn from vegetable fibres to synthetic and blends.

Conventional and Non Conventional yarn including Lycra core and cover yarn can be wound with ease and at desired package quality.

The machine is designed to accept all latest generation electronic yarn clearers like Premier *iQON*, Keisokki Tri-Chord / Tri-Chord Flex, Loepfe Spectra Plus and Uster Quantum II. YPQ (Yarn Package Quality) systems enable ribbon free, compact and consistent package. Sintered Knife, an unique feature for proper cutting of yarn, with long life and maintenance free performance.

Veejay Excello ACW provides total splicing solutions from Mesdan, Italy. Customers during working life of winder can change from Air splicer to Aqua Splicer or Hot / Thermal Splicer without opting for buying new machine.

Modular Design of the Electronic assemblies, all electronics, PCBs and other assemblies can work with ease at mill condition. User friendly software to give various information as per customers requirement.

FEATURES

- Judicious combination of electronics and mechanical components to ensure easy operation of the machine with less maintenance
- Indigenously developed mechatronics for convenient man machine interface
- In-house made PCBs under strict quality control and stringent tests to perform at high temperatures
- All developments can be easily retrofitted, thereby customers can upgrade the machine without opting to buy a new machine

SPECIFICATIONS

No. of Spindles	60 / 64
Grooved Drum Type	2 / 2.5 Turns
Package Conicity	3°30' / 4°20' / 5°57'
Yarn count Range	2Ne - 120Ne
High Winding Speed	Upto 1800 m/min
Feeding Bobbin Length	180-240 / 241-280 / 281-320
Automatic Doffer	Single / Double
Splicer Type	498Q / 4923E / 4941E / 4983
Clearer Type	Premier <i>iQON</i> / Keisokki / Loepfe / Uster
Installed Power	28 KW (60 Spindles)
Compressed Air Requirement	16 CFM (60 Spindles)
Stabiliser Capacity	45 KVA
Waxing Attachment	Optional with Wax exhaust detection system

EXCELLO AUTOMATIC CONE WINDER

No. of Heads or Spindles	12	16	20	24	28	32	36	40	44	48	52	56	60	64
Machine Length in mm.	5635	6915	8195	9475	10755	12035	13315	14595	15875	17155	18435	19715	20995	22275

SPINDLE COMPONENTS



Package Holder

Holds the package, and the holding arm can accommodate different types of cones having conicities 3°30', 4°20' and 5°57'



Drum Assembly

Consists of a grooved drum and driving motor for obtaining the traverse motion for the package. The drum is made of special alloy castings and coated with electroless nickel plating



Electronic Yarn Clearer

Capacitance / optical sensing heads of Premier *iQON*, Keisokki, Loepfe and Uster can be fitted as per customer's choice



Splicer

Used for splicing the yarn during the winding process. Two types of splicers are available, the Air Splicer and the Wet Splicer



Yarn Tensioner

Consists of a double section yarn tensioner which guarantees an uniform winding tension with minimum yarn stress



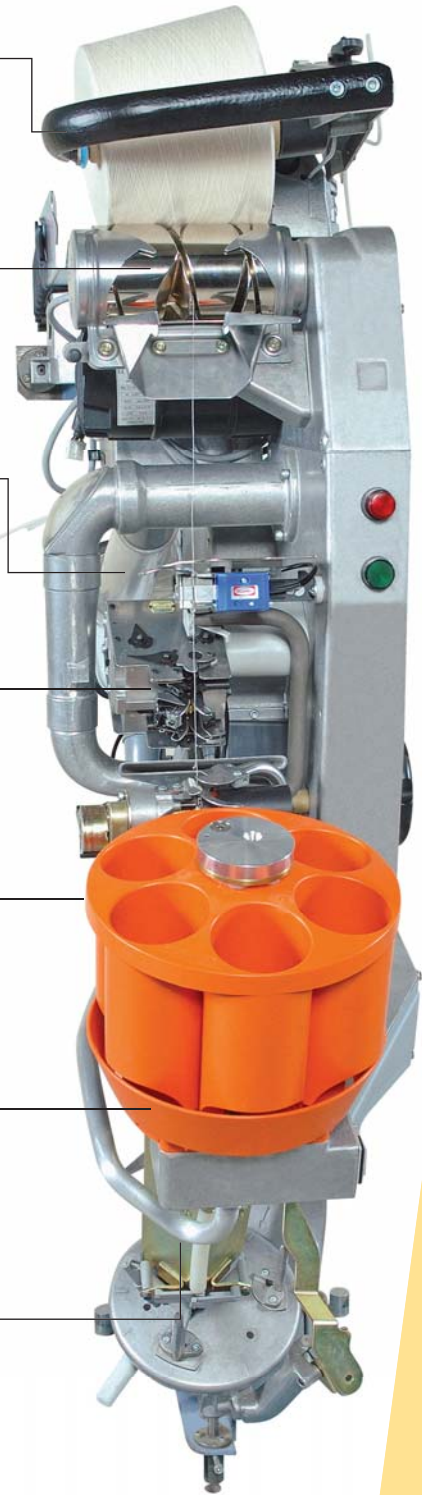
Bobbin Feeder

Consists of a cop reserve holder and continuous feeding arrangement for winding process



Anti Curling

Prevents the formation of curls by maintaining appropriate tension of the yarn during splicing cycle and it leads to less hard waste generation during splicing



Specifications subject to change without further notice

CUSTOM BUILT | RELIABLE | ECONOMICAL



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