

**Precision** winding technology



# CWX | AWX precision winding

**Multifilament, Monofilament, Tape & Staple Yarns**

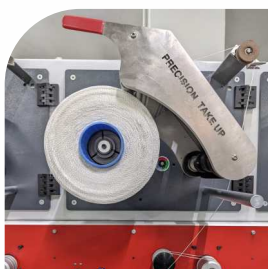
CWX | AWX Series is an winding machine is a result of our long winding experience to increase productivity and quality for technical textiles processes.

**MEERA**  
FUTURISTIC TWISTING

# CWX | AWX precision winding

MEERA's CWX | AWX precision winding is a hybrid Model made for precision winding of PP tape, Raffia and Multifilament, Monofilament and Staple yarns. Yarn produced are with **Exceptional quality**, High package density achieved with **High-speed** precision winding ensuring top performance in post processes.

**HIGH SPEED**  
UP to 800 mpm



#### Control panel

at the winding head for individual position start/stop, manual changeover, and mandrel locking/unlocking. The integrated LEDs indicate the position status.

Modular design, Individual motor and individual position metre counting control system with, safety features.



#### Perfect precision

wound bobbin. This precision winding helps to reduce waste, increases the efficiency and consequently productivity at post processing stages in technical textiles processes.

Constant tape tension, adjustable Spring Pressure Mechanism, precise winding ratio, are important feature.



#### The New Human Machine

graphical user interface allows to control, monitor and analyse the individual Position. Recipe can be stored with parameters like Winding Tension, Speed, Overfeed Ratio, etc.

Tapering, Package diameter, Package density, Soft edges, Package metering, for Take-up package.



#### Winding Types

Wide Range of models available for Single Ply, 3 Ply and Multiply (Upto 20 Ply). 10", 8" and 6" Traverse Valiable for various requirements

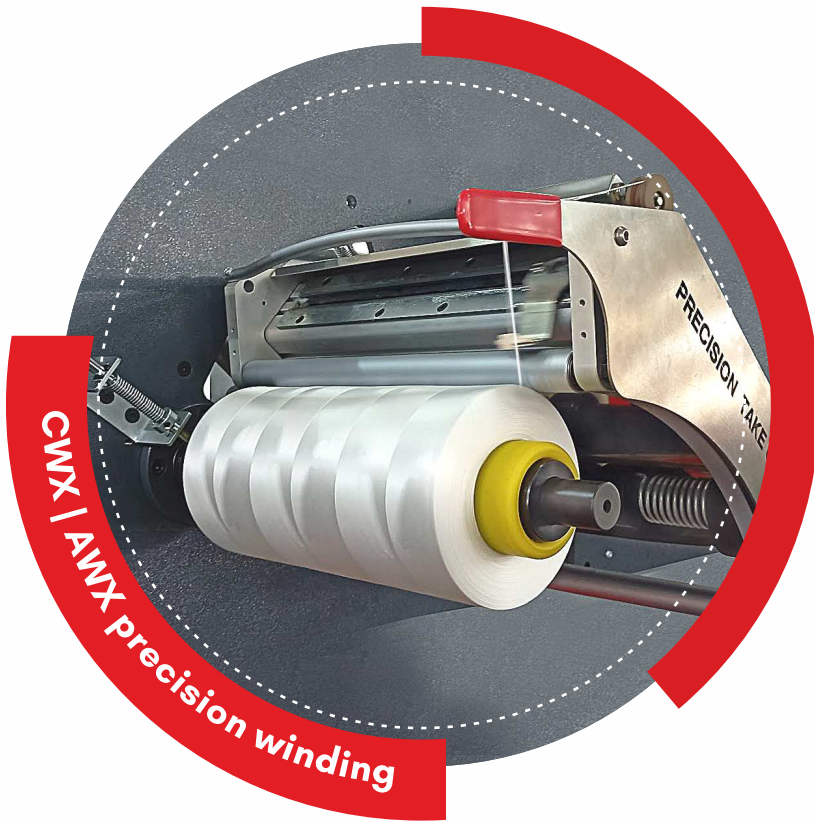
Take-up Package available in interchangeable conical and parallel shape.



#### Wide Range of Yarn

Application. Fibrillated, Non Fibrillated, PP Tapes, PE Tapes, Multi filament yarn made from PA, PES, PP, PE, Monofilament Yarns Aramid Yarns, Staple Yarns Hybrid Yarns etc.

Yarns for sewing Threads, Technical Textiles, artificial grass, baler twine, cotton twine etc.



## Precision winding technology

### Advantage

- High speed and Precision winding
- Excellent package quality
- Low energy consumption
- Increased post processing efficiency
- HMI with graphical user interface
- State-of-the-art frequency converters
- Centrally / Individual adjustable tape tension
- Automatic motor switch-off
- Lubrication-free traverse system
- High safety standards and CE certification
- Integrated engineering for longer lifetime
- Simple maintenance
- Reduced labour costs
- Reduced waste



### Technical Data

	6"	8"	10"
Winding Traverse	6"	8"	10"
Take-up tube type	Parallel Tube/Cone	Parallel Tube/Cone	Parallel Tube/Cone
Winding type & speed (mechanical)	Upto 800 mpm	Upto 600 mpm	Upto 400 mpm
Max. package diameter	250 MM	250 MM	250 MM
Max. Length of traverse	150	200	250
Max. tube/bobbin core length	200 mm	250 mm	300 mm
Bobbin core/tube Inner diameter	26-45 mm	26-110 mm	26-110 mm
Tape width Range	-	-	6 MM
Ply	1 Ply	1 Ply	3 or 6 Ply
Position per Section	5	3	3
Frame	Single Deck Both Side	Single Deck Both Side	Single Deck Both Side
Oiling device	Optional	Optional	Optional
Winding ratio setting	Mechanical with Upto 32 crossing ratios		