

direct twisting + precision winding

For PP Multifilament and Tape Yarns



features

MEERA's direct twisting + precision winding is a hybrid Model made for direct twisting of PP tape, raffia and multifilament, yarns any sensitive yarns with precision winding. Yarn Produced are with exceptional quality, high package density achieved with high-speed precision winding ensuring top performance in post processes.

- suitable Yarn

Fibrillated, Non Fibrillated PP Tapes, PE Tapes, Multi filament yarn made from PA, PES, PP, PE, Aramid etc

- suitable application

sewing yarn, technical textiles, artificial grass, baler twine etc

- design features

Modular design, Individual motor and meter counting central control system with recipe management, safety features etc

- precision winding

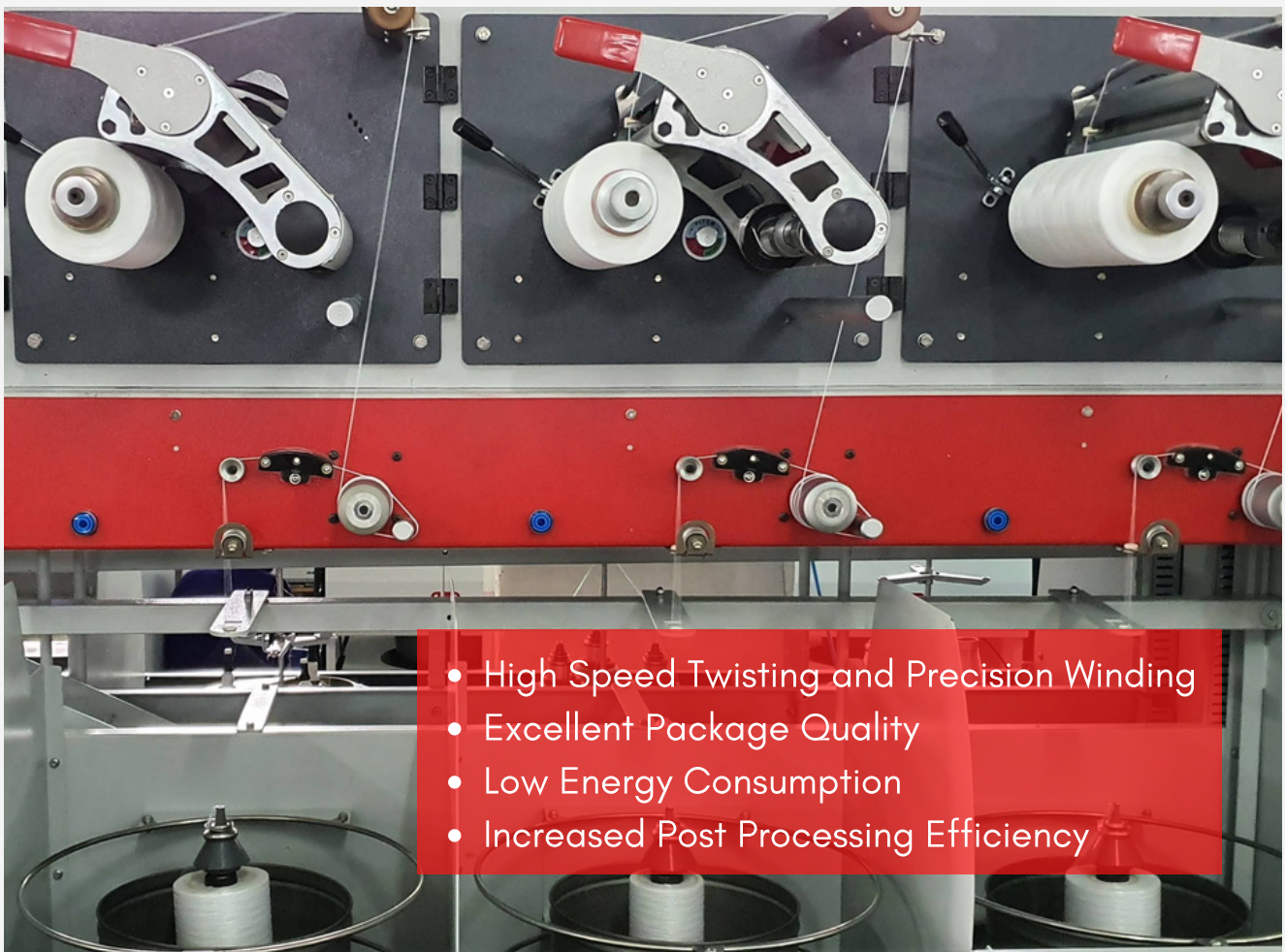
constant tape tension, adjustable Spring Pressure Mechanism, Variable Pressure for Dampening Device, precise winding ratio, preset length, LED indication etc

denier range
1000 - 20000

speed m/min
160 - 250

pot size
300 mm

traverse length
250 mm



PP Tapes, Raffia and Multifilament

Application:

- Sewing
- Slings
- Twines
- braid ropes
- webbing
- nets
- Straps
- Filler Cords



Technical Data

Pot diameter

260 MM | 300 MM

Denier range

1,000 - 20,000

winding type & speed (mechanical)

Precision Winding with 150-250 m/min

Winding Ratio Setting

Mechanical with upto 32 crossing ratios

Max. package diameter

300 MM

Max. Length of Traverse

250 MM

Max. tube / bobbin core length

300 MM

Bobbin Core / tube Inner diameter

26 - 110 MM

Tape width Range

1.8-6.0 MM



Technical Data

Frame

260 MM - double-sided section with 4 spindles each side

300 MM - double-sided section with 3 spindles each side

Gauge

600 - 900

Spindle Speed

6000 RPM

TPM / TPI

20 to 150 tpm | 0.5 / 4 tpi

Take-up tube Type

parallel cylindrical, conical, tube less

Oiling Device

Optional



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