

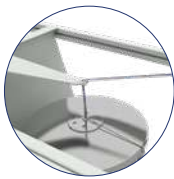
DirecTwist® 2C6''

Up to 14.000 Tw/min, 2.000 Tw/mt

**For Twisting
Staple Fiber and
Continuous
Filament Yarns**

Twisting and Covering are easier than ever!

Different threading method allows creating great variety of twisting structures easily. Both TWISTING and COVERING processes are possible on the same machine.



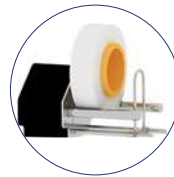
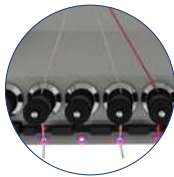
Long life precise ceramic coated winding drum

Possibility of winding on cylindrical bobbins. As well as staple fibers, great performance on continuous fibers.



Ultra sensitive optical yarn sensors

When yarn breaks it stops the machine automatically. Therefore it protects the machine and yarn quality. Ensures the desired quality and size of the yarns.



Optional Programmable Elastane Feeder

Optional programmable precise elastane feeding device allows 10% to 90% feeding rate in most twist range. Possibility of twisting elastane with any kind of fibers.

Precise yarn feeding systems

Ultra-light yarn feeder system with internal clutch force avoids dynamic friction on the yarn.



Easy to use touch screen operator

Easy to use touch screen operator terminal allows independent control of each spindle. Stylish buttons for programming and indicators for error messages.



Capabilities

- Cotton/Wool/Acrylic
- Polyester/Elastane
- Nylon/Polypropylene
- Aramid
- Glass/Carbon
- Fine Metal Wire

Your New Yarn Designer

The most convenient machine for any textile yarns so it offers you ultimate flexibility. It can twist or cover any textile yarns mostly in one operation.

Optional Devices



Waxing Device

Thanks to the convenience of the powered waxing device, the knitting process is facilitated.



Servo Bobbin Feeder

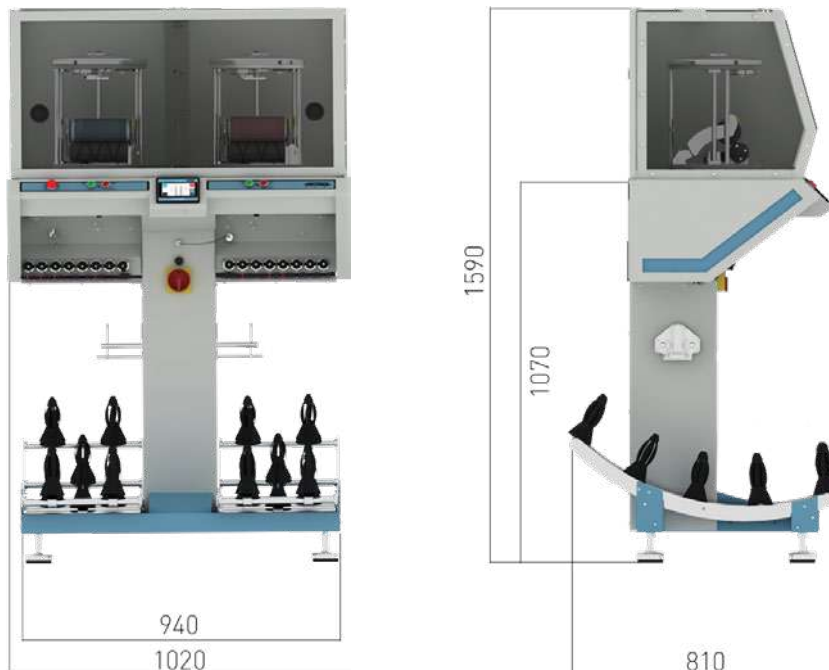
Servo Feeder can control the velocity according to the tension. It can reach up to 200 meters/minute in case of constant tension. There is no friction on the yarn since the yarn is always passed over on the ceramic rollers.



Inner Yarn Break Sensor

Makes the machine stop faster when the yarn breaks inside the twisting unit.

Layout



Technical Data

Take-up speed	Up to 200 meters/minute, independent each spindle
Mains voltage	200-240V 1-Phase-3 Phase or 380V 3 Phase (with neutral)
Max power	1 kW/Spindle
Total twisted yarn thickness	100 Nm to 1.8 Nm (90 Denier to 5.000 Denier)
Take-up cone size	170 mm length conical cone or cylindrical cone
Maximum take-up cone diameter	220 mm
Supply bobbin size	Any size
Yarn break sensors	8 sets optical sensors and optional capacitive sensor for elastane
Max. yarn plies to be twisted	Unlimited
Fancy yarn twisting	Individual operation for each spindle
Length control	Individual operation for each spindle, feedback from winding drum
Automatic stop	Yarn break, bobbin full, cover open, emergency, overload, etc.