

# DirecTwist® 2D6''

Up to 8.000 Tw/min, 1.700 Tw/mt

**For Twisting Any Material in Yarn Form**

### 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.



### Parallel Winding with Direct Traverse

Take up winding method is parallel winding with direct traverse.



### Twisting and winding with zero friction

Due to the ceramic rollers, yarns move without lateral and axial frictions up to the take up unit.



### 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.



### 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.

### Capabilities

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

### AGTEKS Signature in Tech-Textile

The most advanced multifunctional twisting machine in the world. It is compatible with any material in yarn form and serves technical textile industry for achieving the new and best solutions.

### Optional Devices



#### **Servo Bobbin Feeder**

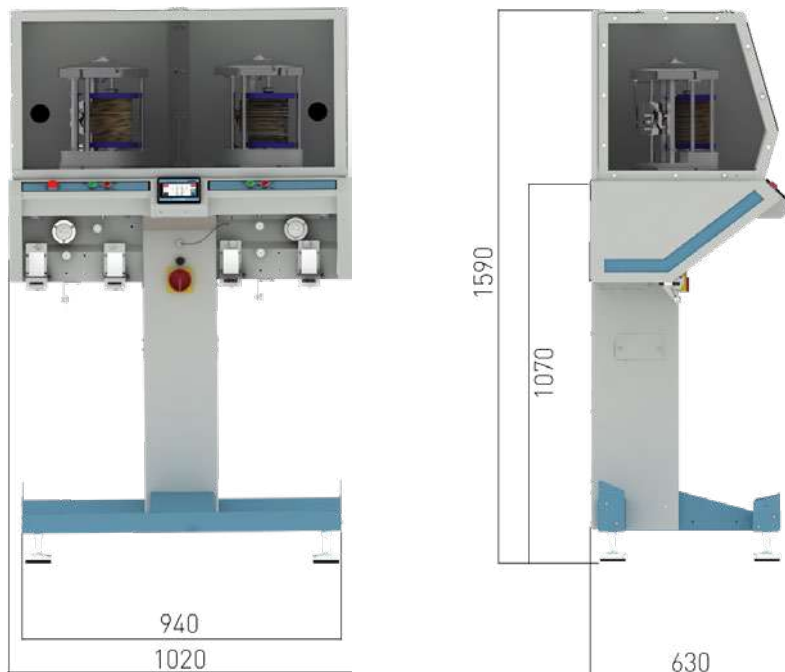
Servo Feeder can control the velocity according to the tension. It can reach up to 200 meters/minute in case of constant tension. There is no friction on the yarn since the yarn is always passed over on the ceramic rollers.



#### **Magnetic Creel**

Magnetic break solution especially for fine metallic yarns. Tension is given to the bobbin instead of yarn.

### Layout



### Technical Data

<b>Take-up speed</b>	Up to 200 meters/minute, independent each spindle
<b>Mains voltage</b>	200-240V 1-Phase-3 Phase or 380V 3 Phase (with neutral)
<b>Max power</b>	1 kW/Spindle
<b>Total twisted yarn thickness</b>	100 Nm to 0.9 Nm (90 Denier to 10.000 Denier)
<b>Take-up cone size</b>	160 mm length double flanged tube
<b>Maximum take-up cone diameter</b>	160 mm
<b>Supply bobbin size</b>	Any size
<b>Yarn break sensors</b>	On optional external creel. Wiring is provided for custom creels
<b>Max. yarn plies to be twisted</b>	Unlimited
<b>Take up winding method</b>	Parallel winding with precision direct traverse
<b>Length control</b>	Individual operation for each spindle, feedback from winding drum
<b>Automatic stop</b>	Yarn break, bobbin full, cover open, emergency, overload, etc.