Cone to Cone Multi Function Twisting Machine

NEW 🔴 MULTI SPINDLE WITH INDEPENDENT CONTROL

AGTEKS
Challenging Innovations
Imagine!...Create!...Produce!... with DirectTwist®...

The New DirectTwist® Multi Series
Cone to Cone Multi Function Twisting Machine
Easy loading and unloading of bobbin to/from the winder.
Ceramic coated winding drum allows twisting of any yarn composition.
In line motor driven waxing device.

Purely uniform twist in any combination even with elastane.
Capability of adjusting take-up cone softness.
Possibility of twisting yarns with different thickness.

One touch button selectable for S or Z twist structure.
Adjustable electronically. No need for a mechanical change.

Fancy yarn (slub) production capability.
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<th>PRIMITIVE MACHINES (SIMPLE TWISTING)</th>
<th>TWO-FOR-ONE TWISTING M/C</th>
<th>HOLLOW SPINDLE TWISTING M/C</th>
<th>RING TWISTING M/C</th>
<th>DIRECT CABLE M/C</th>
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<td>HAMEL TWISTING</td>
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<td>1 Operation</td>
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**MODEL**  
DirectTwist 48M  |  DirectTwist 68M  |  DirectTwist 88M  |  DirectTwist 10BM  |  DirectTwist 12BM  
---|---|---|---|---
No. Of Twisting Units | 4 | 6 | 8 | 10 | 12  
Dimensions (A) | 2170 mm | 3110 mm | 4050 mm | 4990 mm | 5930 mm  
Dimensions (B) | 1860 mm | 2820 mm | 3780 mm | 4700 mm | 5640 mm  
Power | 380 V-3P 50-60 Hz | 380 V-3P 50-60 Hz | 380 V-3P 50-60 Hz | 380 V-3P 50-60 Hz | 380 V-3P 50-60 Hz  
Air Supply | 4 KVA | 6 KVA | 8 KVA | 10 KVA | 12 KVA  
**Twisting Speed** | Up to 18000 Twist/Minute, Electronically adjustable. Totally independent adjustment for each spindle  
**Twist Range** | Up to 2000 Twist/Meter, (-51 Twist/Inch) Programmable with 1 Twist/Meter increment.  
**Take - Up Speed** | Up to 200 Meters/Minute  
**Yarn Count Range** | "100 Nm to "2 Nm total, ("90 denier to "450 denier total)  
**Max. Yarn PiesTo Be Twisted** | 8 plies directly.  
**Individual Operation Of Each Unit** | Totally independent operation for each spindle.  
**S And Z Twist Selection** | Independent selection for each spindle.  
**Multi – End Twisting** | Independent adjustment for each spindle.  
**Fancy Yarn Twisting** | Independent adjustment for each spindle.  
**Jog Function** | Independent adjustment for each spindle.  
**Waxing Device** | Motor Driven, 13 mm square hole wax.  
**Yarn Feeding Device** | Synchronized positive yarn feeding system.  
**Threading Method** | By air jet.  
**Bobbin Holders** | 8 sets for each unit.  
**Take – Up Cone Softness Adjustment** | Adjustable with cone pressure and / or with yarn feeding system.  
**Yarn Break Sensors** | Optical electronic, 8 guides on each unit, with adjustable timers.  
**Yarn Brakes** | Precision yarn brakes for every yarn feeding.  
**Take - Up Cone Size Sensors** | Reflective electronic, size of bobbin is adjustable. (max.20 cm diameter)  
**Take - Up Cone Size** | 170 mm. 4.20", Standard cone or optional 170 mm cylindrical standard cone.  
**Supply Bobbin Size** | Any size, max 250 mm diameter.  
**Programmable Elastane Twisting Device** | Optional for each spindle.  
**Programmed Elastane Twisting Device** | Possible to feed 10% to 90% elastane on wide range of twist/meter amount.  
**Twist Stop Mechanism** | Optional for each spindle. Required for fancy yarn twisting.  
**Control Method** | Microprocessor control.  
**Program Input** | Ergonomic, easy to use touch-screen display, operation panel.  
**Program Memory** | 10 user memory + default parameters.  
**Automatic Stop** | Yarn break, bobbin full, cover open, emergency, overload, etc. Lots of additional protective functions.  
**Programmable Parameters** | Twist/min, twist/meter, elastic yarn on/off, elastic yarn feeding %, S-Z twist types, fancy yarn on/off, fancy yarn parameters, yarn break timer, language selection, copy functions, memory functions, etc.  

*INTERNATIONAL PATENTS PENDING  
✓ ALL CONTENTS OF THIS BROCHURE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE  

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