超強多功能 | Powerful Multi-function

TN-35AF • TN-35EF 全自動高速繞線機-A型管
Automatic High Speed Cross Cone Winder (Cone Type)

TN-35AF(B) • TN-35EF(B)
自動裝管與落紗系統
- 自動裝管，無需自動停車。
- 落紗採用凸輪開動方式，動作準確、快速。
- 機器幾乎與動作不坐空氣品質與風壓力影響。

TN-35AF(B)
- 繞線採用電腦馬達伺服系統，輸入不同線規格紗，可自動調整線排列之密度與花紋。
- 錐筒圓線系統（選配）
- 以上功能有250組記憶模組，並能夠設定產數量。

TN-35AF • TN-35EF • TN-35F
滾筒式導線系統
- 採直接導線方式，速度快、聲音小。
- 導線凸輪採用特殊硬化鉻光處理，光滑耐磨、不傷紗線。

TN-35AF(B) • TN-35EF(B)
Auto Bobbin Feeder and Doffing system
- Doffer automatic stops when bobbins run out.
- Mechanical system, quick action, accurate and durable.
- No pneumatics, without air quality, air pressure to affect service life and performance of machine.

TN-35AF(B)
- Servo control system. Yarn winding by servo motor, automatic yarn laying & density control by just input yarn specification. (count number of yarn)
- Thread tail tucking device. (Optional)
- 250 sets of memory functions with production quantity preset.

TN-35AF • TN-35EF • TN-35F
Drum Thread-Guidance System
- High speed, low noise drum.
- Stainless steel combination-drum, smooth, wear resistant, no harmful for yarn.

TN-35AFB • TN-35EFB • TN-35FB
New type yarn guiding system
- Yarn guiding by ceramic guider, yarn laying precisely.

Individual Spindle Control
- LCD display.
- Yarn length measured by computer, not rollers or wheels.
- Yarn speed adjustable. (meters per minute.)
- Uniform thread lubrication due to constant yarn speed.

Electro-magnetic Tensioner
- Automatic tension release throughout the cycle for consistent winding tension.

Circulating Oil System
- Centralized oil trak feeds 30 spindles.
- Spindle independent oil filter and filter for consistent trouble-free operation.
- Easy to clean, detachable filters.
- Oversized oil fenders and troughs to minimize oil loss and cleaning.

TN-35AFB • TN-35EFB • TN-35FB
新型導線方式
- 採用陶瓷線導方式，線紗列密度均勻。

TN-35AF(B) • TN-35EF(B) • TN-35F(B)
單錠控制系統
- 電腦自動計長，不必經過機器轉。
- 自動控制線速度，可設定紡織廠之線速度。
- 可直接設定不同之張輪速度，搭配錐筒線速度使上紗均勻。

電磁式張力系統
- 可設定紡紗張力與編織張力時纖維減，使成型美觀一致。

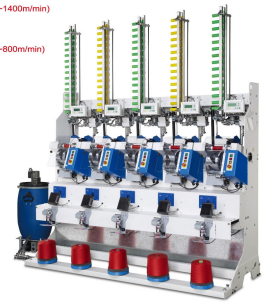
循環式潤油系統
- 每錠控制保持潤油位。
- 每錠油輪採用有濾油裝置，防止油外噴與浪費油。
- 油箱可調節線速度。
- 一只油箱可供30錠機器只用，可折式濾網，清潔容易。

Max. 10000 r.p.m.
Max. 1600m/min (800~1400m/min)

TN-35AF • TN-35EF 全自動高速繞線機(特殊)-Y型管
TN-35AFB(P) • TN-35EFB(P)
Automatic High Speed Cross Cone Winder (King Spool Type) (For Bonded yarn)

Max. 10000 r.p.m.
Max. 1600m/min (800~1400m/min)

TN-35AFB(P) •TN-35EFB(P)
Max. 4000 r.p.m.
Max. 1000m/min (400~800m/min)



TN-35AF • TN-35EF 全自動高速繞線機-H型管
Automatic High Speed Cross Cone Winder (Spool Type)

Max. 15000 r.p.m. (TN-35AF)
Max. 13000 r.p.m. (TN-35EF)

其他特性 | Other characteristics

- 編結線、SP線、縫紗線、薄編線、A.H型管適用。
- 纖可線、印圖線、編織線、刺繡線、Y型管適用。
- 人造纖維、化纖絲、人造絲等特殊線給以調實張調試才能確認是否適合編織。
- 占地面積小、速度快、效率比傳統機器提升5~8倍。
- 全自動採用高速換車，效況佳、無重修車。

- Cone, Spool type is available for S.P. threads, cotton threads & sewing threads.
- Kingspool type is available for embroidery threads, nylon threads & bonded threads.
- For filament yarns, fiber yarns, monofilament yarns & technical threads are subject to final confirmation.
- Easy maintenance, oil-free bearings.
- Automatic door lock during operation. Small footprint design.

選購配備 | Optional

新型導線裝置 (特殊)
New thread-guiding system
(For Bonded Thread)
TN-35AFB-Y, TN-35EFB-Y,TN-35FB-Y

滾筒式導線裝置
Drum thread-guiding system

可設定制式
電磁張力
Electro-magnetic tension

可設定注油裝置
恒流之注油裝置
Constant lubrication system

多功能微電腦
控制面板
Micro processor controller

人機控制面板
(多錠共用一個微定面板)
One computer terminal
(central control panel)
for multi-spindles.

配合人機操作控制面板
Individual spindle control

循環式油箱
Circulating oiling tank

循環式加熱油箱
Hot circulating oiling tank

定量計量上油系統
Dosing pump lubrication system
TN-35AF(B), TN-35EF(B)

水平式油箱
Leveling lube tank