

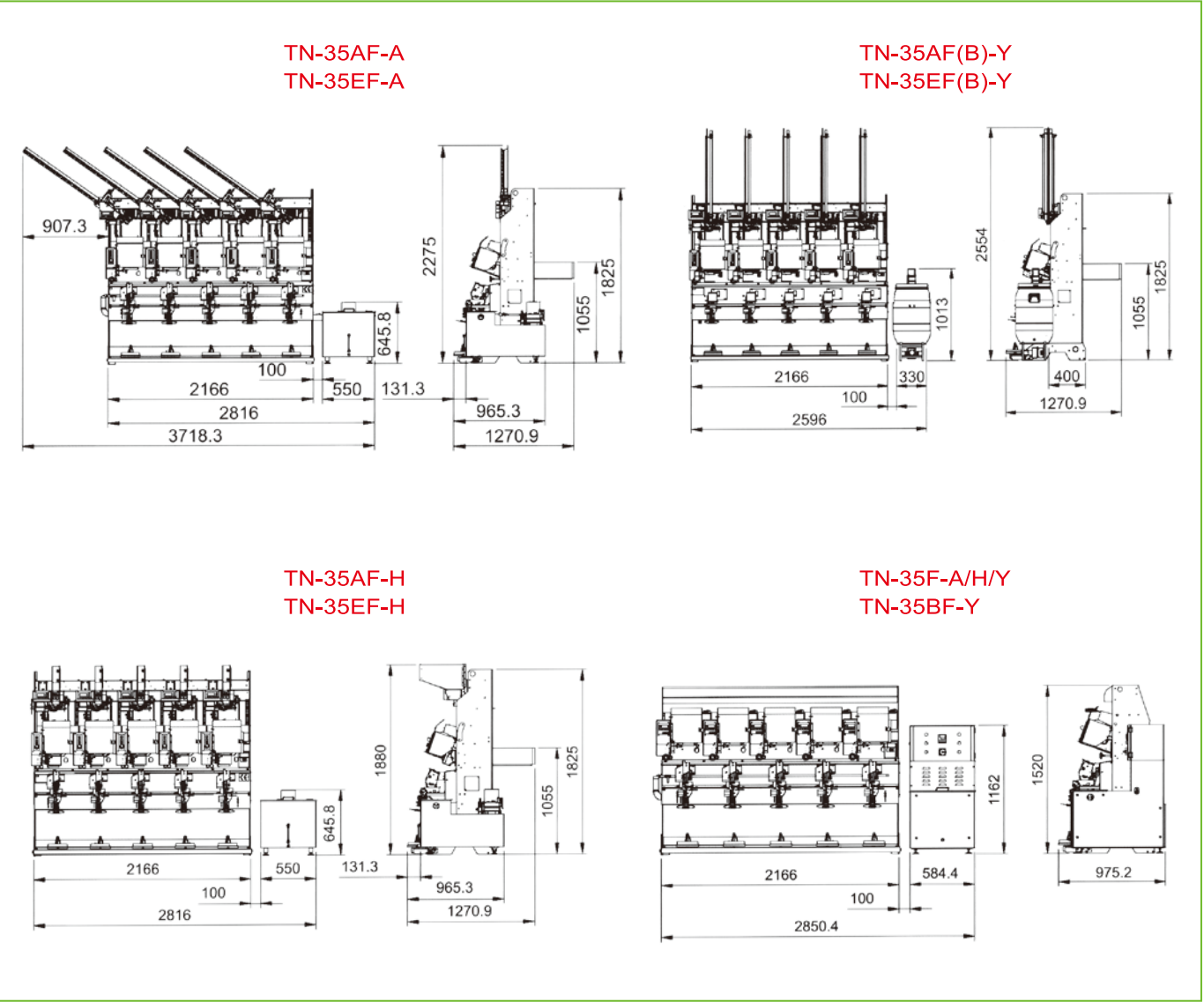
TN-35F • TN-35FB(P)邦迪 (A/Y/H型管)
半自動高速繞線機 High Speed Cross Cone Winder (For Bonded yarn)

Max. 10000 r.p.m.
Max. 1600m/min (800~1400m/min)
TN-35FB(P)-Y
Max. 4000 r.p.m.
Max. 1000m/min (400~800m/min)



外觀尺寸 | Dimension

unit: mm



MATERIAL PRODUCTS



TAINING

Professional Sewing Thread Winders.

TN-35 Series

規格 | Specifications

成型 Package shape	TYPE - A			TYPE - Y			TYPE - Y (Bonded)			TYPE - H		
型號 model	TN-35AF-A	TN-35EF-A	TN-35F-A	TN-35AF(P)-Y	TN-35EF(P)-Y	TN-35F(P)-Y	TN-35AFB(P)-Y	TN-35EFB(P)-Y	TN-35FB(P)-Y	TN-35AF-H	TN-35EF-H	TN-35F-H
管子角度 Taper angle	2° 20' ~ 5° 57'			0° ~ 2° 20'			0° ~ 2° 20'			0°		
產量 Capacity	180 LBS/8hrs 40/2SP			280 LBS/8hrs 210D/2 Nylon			140 LBS/8hrs 210D/2 Nylon			2600~2900 PCS/8hrs 40/2 500M		
最大捲取外徑 Max. outer Ø	110 mm			85 mm			85 mm			75 mm		
橫動量 Traverse	3" ~ 4"			2" ~ 4"			2" ~ 4"			2" ~ 3"		
錠數 No. of spindle	5			5			5			4		
主軸速度 Spindle speed	Max. 10000 r.p.m.			Max. 10000 r.p.m.			Max. 4000 r.p.m.			Max. 15000 r.p.m. Max. 13000 r.p.m. Max. 10000 r.p.m.		
線速度 Yarn speed	Max. 1600m/min (800~1400m/min)			Max. 1600m/min (800~1400m/min)			Max. 1000m/min (400~800m/min)			Max. 1600m/min (800~1400m/min)		
花紋回數 Cross ratio	2.5~4			2.5~4			2.5~4			2.5~4		
包裝材積 Measurement	230L x 90W x 190H (cm)		230Lx90Wx160H (cm)	230L x 90W x 190H (cm)		230Lx90Wx160H (cm)	230L x 90W x 190H (cm)		230Lx90Wx160H (cm)	230L x 90W x 190H (cm)		230Lx90Wx160H (cm)
機器重量 Weight	N.W: 900kgs G.W: 1100 kgs		N.W:550kgs G.W:700kgs	N.W: 900kgs G.W: 1100 kgs		N.W:550kgs G.W:700kgs	N.W: 900kgs G.W: 1100 kgs		N.W:550kgs G.W:700kgs	N.W: 900kgs G.W: 1000 kgs		N.W:550kgs G.W:700kgs

機器設計及規格如有變更恕不另行通知。 All specifications and designs subject to change without notice.



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A Cone

Y King Spool

H Spool

超強多功能

Powerful Multi-function



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

- Ceintralized oil tnak feeds 30 spindles.
- Spindle independent oil filter and filler for consistent trouble-free operation.
- Easy to clean, detachable filters.
- Oversized oil fenders and troughs to minimize oil loss and cleaning.

TN-35AF • TN-35EF 全自動高速繞線機-A型管

Automatic High Speed Cross Cone Winder (Cone Type)

Max. 10000 r.p.m.

Max. 1600m/min (800~1400m/min)



TN-35AF • TN-35EF

全自動高速繞線機(邦迪)-Y型管

TN-35AF(B)(P) • TN-35EF(B)(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)



TN-35AF(B) • TN-35EF(B)

自動送管與落紗系統

- 自動送管，無管自動停車。
- 落紗採用凸輪帶動方式，動作準確、快速。
- 機器壽命與動作不受空氣品質與壓力影響。

TN-35AF(B)

- 繞線採用伺服馬達排線系統，輸入不同線規格時，可自動調整線排列之密度與花紋。
- 線尾塞線系統。(選配)
- 以上功能有250組記憶模組，並能夠設定生產數量。

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拋光處理，光滑耐磨，不傷紗線。

TN-35AFB • TN-35EFB • TN-35FB

新型導線方式

- 採用導線磁導線方式，線排列密度均勻。

TN-35AF(B) • TN-35EF(B) • TN-35F(B)

單錠控制系統

- 電腦自動計長，不必經過碼錶輪。
- 自動控制線速度，可設定範圍內之線速度。
- 可直接設定不同之油輪速度，搭配穩定線速度使上油均勻。

電磁式張力系統

- 可設定起步張力與最終張力持續遞減，使成型美觀一致。

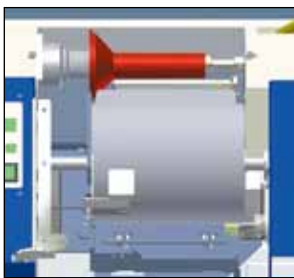
循環式過油系統

- 每錠經常保持滿油位。
- 每個油輪均附有濾油裝置，防止油外噴與浪費油。
- 油軸可跟隨線速度。
- 一只油箱可供30錠機器共用，可拆式濾網，清理容易。

其他特性 | Other characteristics

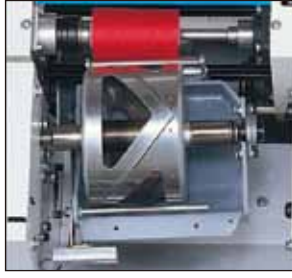
- 縫紉線、SP線、綿紗線、滌綸線，A,H型管適用。
- 繡花線、尼龍線、錦綸線、邦迪線，Y型管適用。
- 人造纖維、化纖絲、人造絲等特殊纖維必須實際測試才能確認是否適合捲繞。
- 占地面積小、速度快、效率比傳統機器提升5~6倍。
- 全部採用高速軸承，免加油，保養容易。

- 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 maintenace, oil-free bearings.
- Automatic door lock during operation. Small footprint design.



新型導線裝置 (邦迪)
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



可設定漸減式
電磁張力
Electro-magnetic tension



可設定且跟隨
線速之上油裝置
Constant lubrication system



多功能微電腦
控制面板
Micro processor controller



人機控制面板
(多錠共用一個設定面板)
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



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



水平式油桶
Leveling lube tank