

TN-35 (A/Y/H型管) • TN-35(B) Y型管(邦迪)

半自動高速繞線機 High Speed Cross Cone Winder (For Bonded yarn)

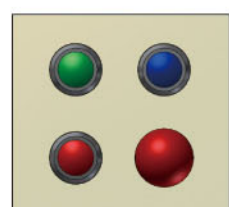


Max. 10000 r.p.m.
Max. 1600m/min
(800~1600m/min)

TN-35B-Y
Max. 4000 r.p.m.
Max. 1000m/min
(400~800m/min)



多功能微電腦控制面板
Micro processor controller



配合人機操作控制面板
Individual spindle control

TN-35 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-35B 新型導線方式

- 採用導線磁導線方式，線排列密度均勻。

TN-35(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。
- 油軸可跟蹤線速度。
- 大型回流油槽與擋油板，可承接作業中產生之棉絮與油回流並過濾不污染地面。
- 一只油箱可供24錠機器共用，可拆式濾網，清理容易。

TN-35

Drum Thread-Guidance System

- High speed, low noise drum.
- Stainless steel combination-drum, smooth, wear resistant, no harmful for yarn.

TN-35B

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

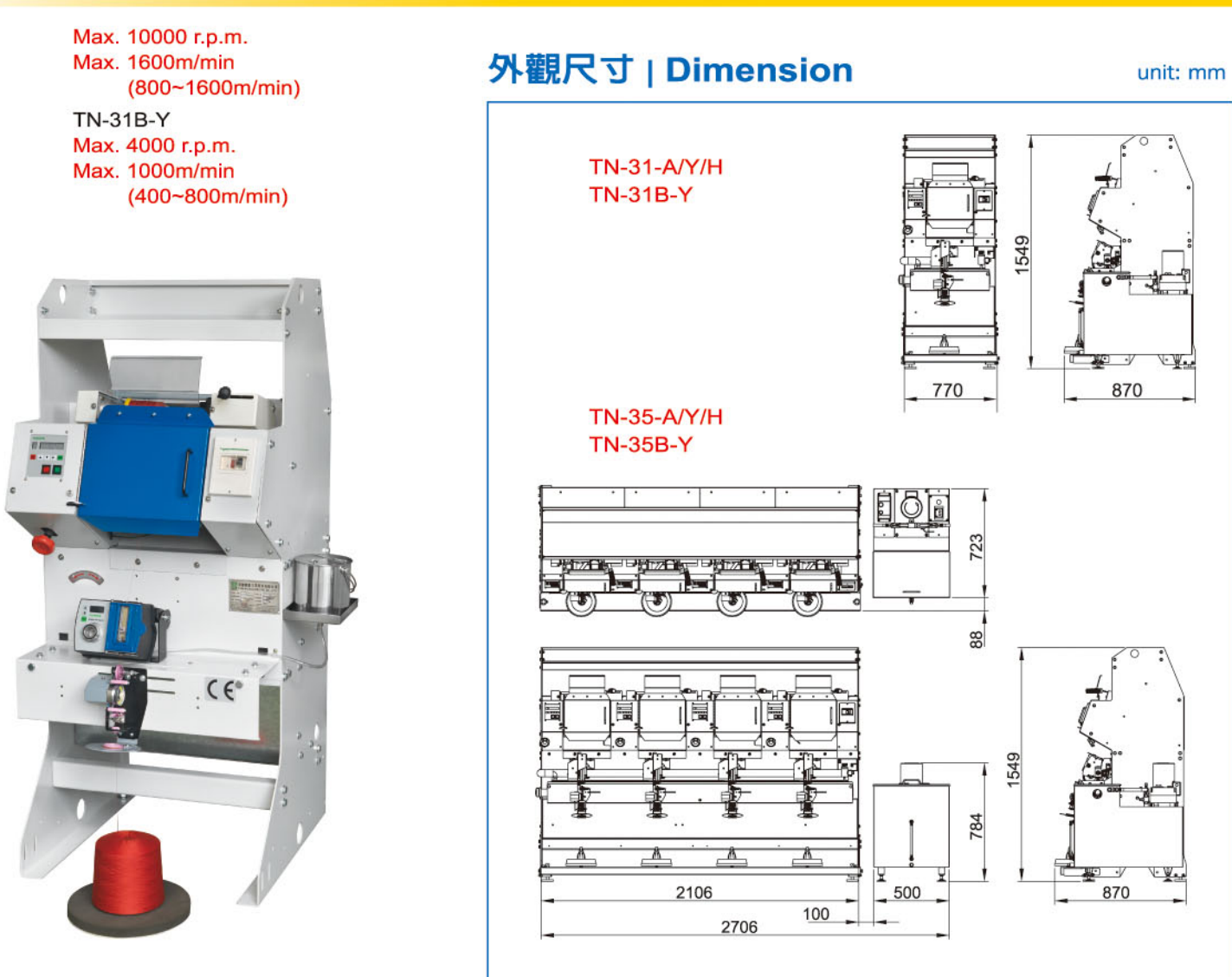
- Automatic tension release throughout the cycle for consistent winding tension.

Circulating Oil System

- Ceintralized oil tank feeds 24 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-31 (A/Y/H型管) • TN-31(B) Y型管(邦迪)

半自動高速繞線機 High Speed Cross Cone Winder (For Bonded yarn)



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

TN-31B-Y
Max. 4000 r.p.m.
Max. 1000m/min
(400~800m/min)

外觀尺寸 | Dimension

unit: mm

TN-31-A/Y/H
TN-31B-Y

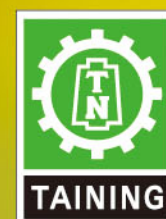
TN-35-A/Y/H
TN-35B-Y

規格 | Specifications

成型 Package shape	1 2 3 TYPE - A 逆時針 Q Winding	1 2 3 4 TYPE - Y 逆時針 Q Winding	1 2 3 4 TYPE - Y 順時針 P Winding	1 2 3 TYPE - H 逆時針 Q Winding
型號 model	TN-35-A / TN-31-A	TN-35-Y / TN-31-Y	TN-31B-Y / TN-31B-Y	TN-35-H / TN-31-H
管子角度 Taper angle	2° 20' ~ 5° 57'	0° ~ 2° 20'	0° ~ 0° 20'	2° 20' ~ 5° 57'
最大產量 Max. Capacity	150 LBS/8hrs 40/2SP	210 LBS/8hrs 210D/2 Nylon	105 LBS/8hrs 210D/2 Nylon	150 LBS/8hrs 40/2SP
最大捲取外徑 Max. outer Ø	160 mm	115 mm	90 mm	160 mm
橫動量 Traverse	3"~6"	2"~6"	2"~4"	3"~6"
錠數 No. of spindle	4	4	4	4
主軸速度 Spindle speed	Max. 10000 r.p.m. Max.1600m/min (800~1400m/min)	Max. 10000 r.p.m. Max.1600m/min (800~1400m/min)	Max. 4000 r.p.m. Max.1000m/min (400~800m/min)	Max. 10000 r.p.m. Max.1600m/min (800~1400m/min)
線速度 Yarn speed				
花紋回數 Cross ratio	2.5~4	2.5~4	3~4	2.5~4
包裝材積 Measurement	225Lx105Wx175H (cm)			
機器重量 Weight	N.W:750kgs G.W:900kgs			

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.

MATERIAL PRODUCTS



FACTORY

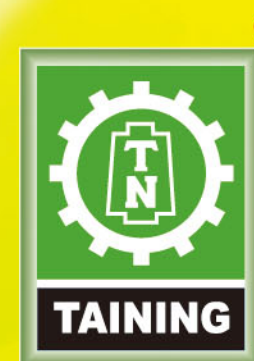
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TAINING

Professional Sewing Thread Winders.

TN-35 Series



A Cone

Y King Spool

H Spool

超強多功能

Powerful Multi-function

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

- 全單旋控制系統**
- 電腦自動控制線速度，自動計長，長度準確。可設定範圍內之線速度。
 - 面板可設定每分鐘300~1600米之線速度，線速度依線的特性與客戶對成品的要求，一般建議在800~1400米。
 - 自動上油裝置**
 - 可直接設定不同之油輪速度，搭配穩定線速度，使油均勻。
 - 滾筒式導線系統**
 - 導線凸輪採用組合式不鏽鋼三角導片，表面硬鉻處理光滑耐磨，不傷紗線。
 - 電磁式張力系統**
 - 電磁式張力可設定起步張力與最終張持續遞減，使成型美觀一致。
 - 循環式過油裝置(選配)**
 - 一只油箱可供36錠機器共用，每錠經常保持滿油位。
 - 其他特性**
 - 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。

- Individual spindle control**
- Computer yarn length measurement.
 - Yarn speed is available for 300~1600 meters/per min. It depends on type of thread to be wound, 800~1400 meters/per min is normally recommended.
- Auto lubrication system**
- Lube roller speed is adjustable & proportional to yarn speed.
 - Dosing pump lube system is also available. (option)
- Drum thread guiding system**
- High speed, low noise operation. Drum with special hardened polish treatment, smooth & Wear resistance.
- Electro-magnetic tension device**
- Automatic tension release throughout the cycle for consistent winding tension.
- Circulating oiling tank**
- Oil tank good to be connected for 36 spindles.
 - Hot lube take is also available.(with temperature controller)
- Other characteristics**
- 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.



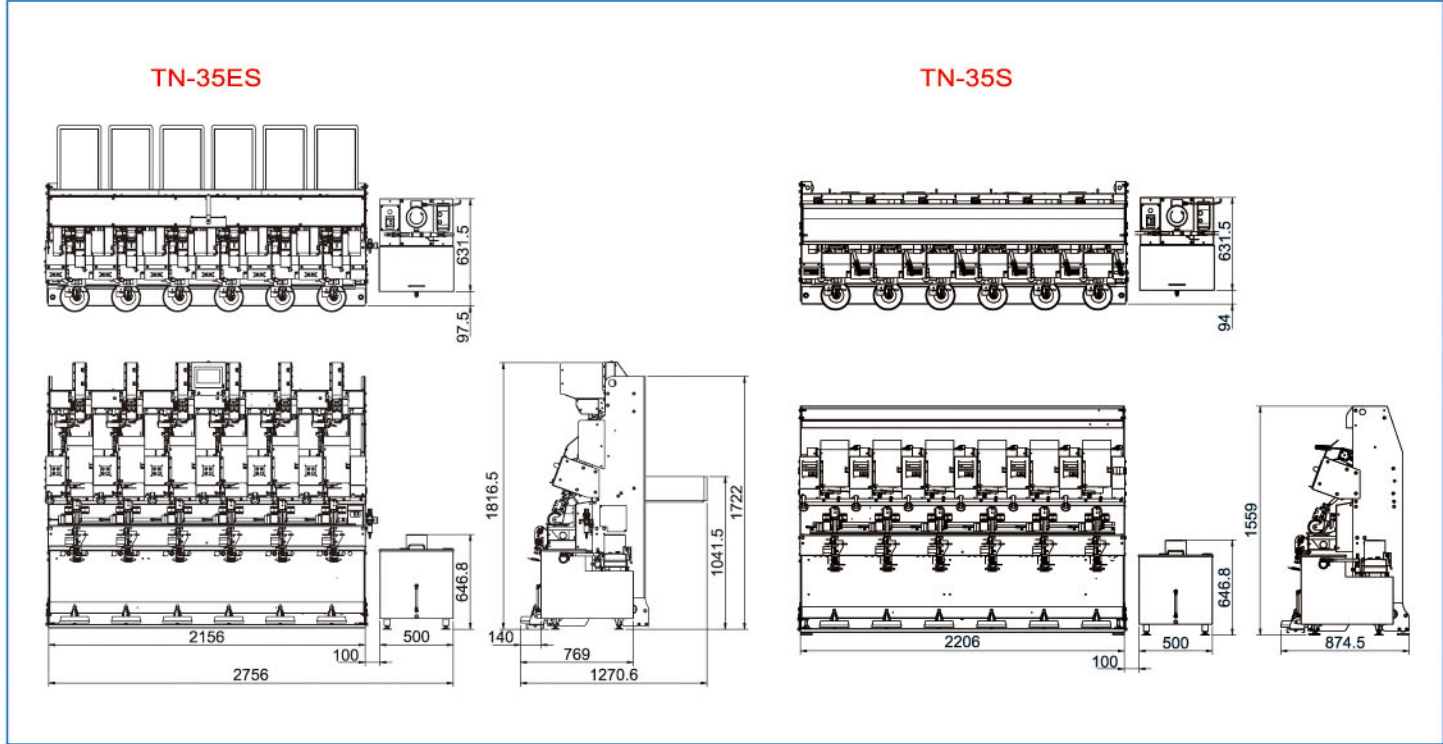
Max. 13000 r.p.m.
Max. 1600 m/min (800~1400m/min)

TN-35S 半自動高速繞線機 (A/Y/H型管)
High Speed Cross Cone Winder (Cone / King Spool / Spool Type)



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

外觀尺寸 | Dimension



規格 | Specifications

成型 Package shape					
型號 model	TN-35ES-H		TN-35S-A	TN-35S-H	TN-35S-Y
管子角度 Taper angle	0°		2° 20' ~ 5° 57'	0°	0° 20'
最大產量 Max. Capacity	3200 PCS/8hrs 40/2SP L=500M		180 LBS/8hrs 40/2 SP		280 LBS/8hrs 210D/2 Nylon
最大捲取外徑 Max. outer Ø	70 mm		150 mm		80 mm
橫動量 Traverse	2"			3" ~ 4"	
錠數 No. of spindle	6			6	
主軸速度 Spindle speed	Max. 13000 r.p.m.			Max. 10000 r.p.m.	
線速度 Yarn speed	Max. 1600 m/min (800~1400 m/min)			Max. 1600 m/min (800~1400 m/min)	
花紋回數 Cross ratio	2.5~3			2.5~4	
包裝材積 Measurement	230 (L) x 90 (W) x 190 (H) cm			230 (L) x 90(W) x 170 (H) cm	
機器重量 Weight	N.W: 750kgs G.W: 950kgs			N.W: 570kgs G.W: 700 kgs	

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.

選購配備 | Optional



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 TN-35, TN-35S
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 TN-35, TN-35S, TN-35ES
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
計量油筒 Oiling tank