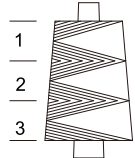
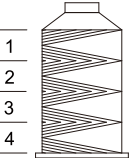
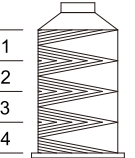
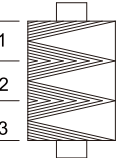


TN-35 (A/Y/H型管) • TN-35(B) Y型管(邦迪)
半自動高速繞線機 High Speed Cross Cone Winder (For Bonded yarn)

Max. 10000 r.p.m.
Max. 1000~1600 m/min
Max. 4000 r.p.m. (TN-35B-Y)



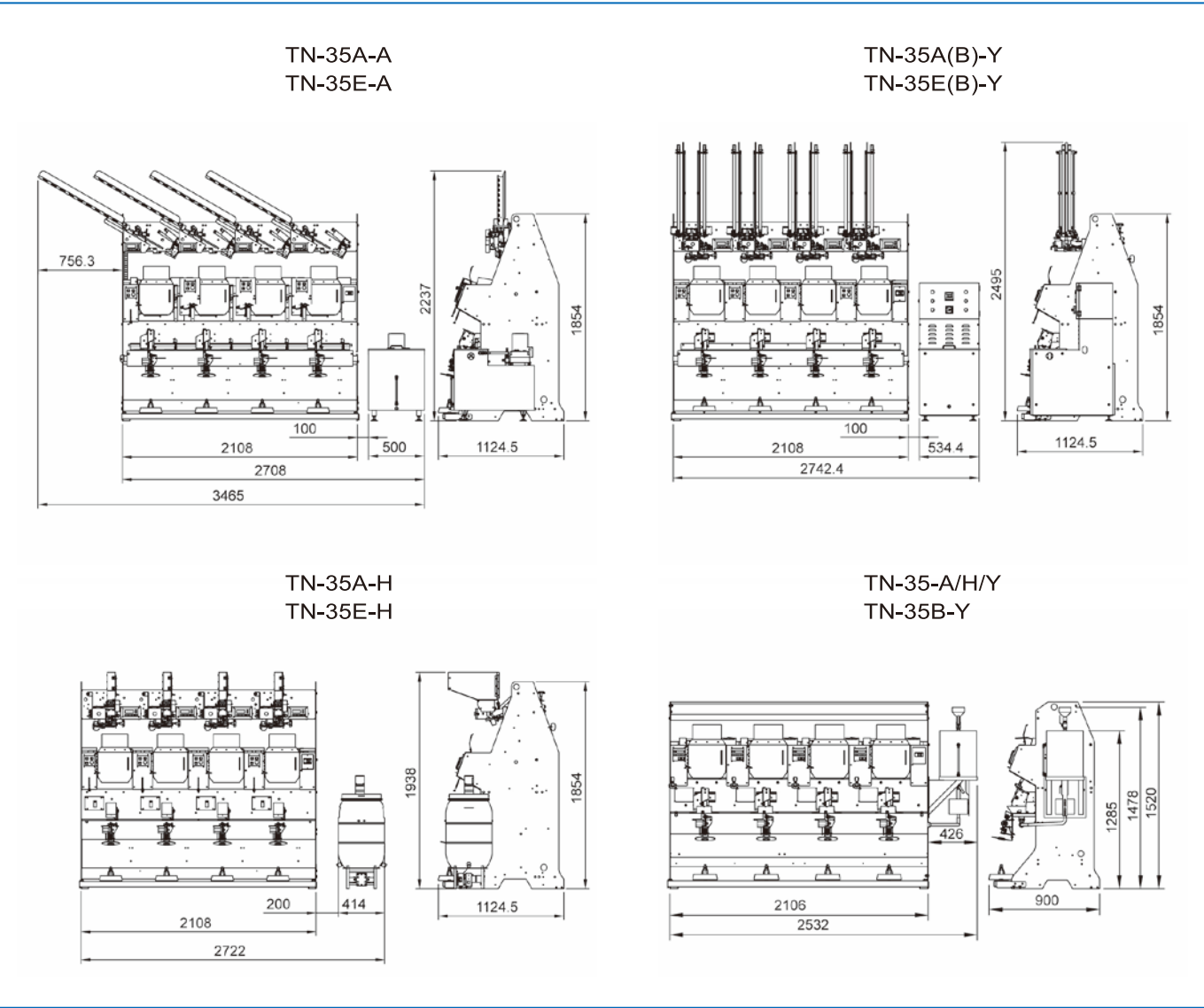
規格 | Specifications

成型 Package shape	TYPE - A 			TYPE - Y 			TYPE - Y 			TYPE - H 		
型號 model	TN-35A-A	TN-35E-A	TN-35-A	TN-35A-Y	TN-35E-Y	TN-35-Y	TN-35AB-Y	TN-35EB-Y	TN-35B-Y	TN-35A-H	TN-35E-H	TN-35-H
管子角度 Taper angle	2° 20' ~ 5° 57'			0° ~ 2° 20'			0° ~ 2° 20'			0°		
產量 Capacity	150 LBS/8hrs 40/2SP			250 LBS/8hrs 210D/2 Nylon		210 LBS/8hrs 210D/2 Nylon	125 LBS/8hrs 210D/2 Nylon		105 LBS/8hrs 210D/2 Nylon	2000 PCS/8hrs 40/2 500M		150 LBS/8hrs 40/2SP
最大捲取外徑 Max. outer Ø	160 mm			86 mm		115 mm	86 mm		100 mm	100 mm		160 mm
橫動量 Traverse	3" ~ 6"			2" ~ 4"		2" ~ 6"	2" ~ 4"			2" ~ 3"		3" ~ 6"
錠數 No. of spindle	4			4			4			4		
主軸速度 Spindle speed	Max. 12000 r.p.m.	Max. 10000 r.p.m.		Max. 12000 r.p.m.	Max. 10000 r.p.m.		Max. 4000 r.p.m.			Max. 13000 r.p.m.		Max. 10000 r.p.m.
線速度 Yarn speed	Max. 1600 m/min			Max. 1600 m/min			Max. 1000 m/min			Max. 1600 m/min		
花紋回數 Cross ratio	2~4			2~4			3~4			2~4		
包裝材積 Measurement	225L x 143W x 210H (cm)		225Lx105Wx175H (cm)	225L x 143W x 210H (cm)		225Lx105Wx175H (cm)	225L x 143W x 210H (cm)		225Lx105Wx175H (cm)	225L x 143W x 210H (cm)		225Lx105Wx175H (cm)
機器重量 Weight	N.W: 1100kgs G.W: 1400 kgs		N.W:750kgs G.W:900kgs	N.W: 1100kgs G.W: 1400 kgs		N.W:750kgs G.W:900kgs	N.W: 1100kgs G.W: 1400 kgs		N.W:750kgs G.W:900kgs	N.W: 1100kgs G.W: 1400 kgs		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.

外觀尺寸 | Dimension

unit: cm



MATERIAL PRODUCTS



TAINING

Professional Sewing Thread Winders.

TN-35 Series



FACTORY

泰能機器工業股份有限公司
TAINING MACHINE INDUSTRIAL CO., LTD.
台灣43251台中市大肚區沙田路三段734巷35號
35, Lane 734, Sec 3, Sha Tien Rd., Dadu Dist.,
Taichung City 43251, Taiwan
TEL: 886-4-2699-1213 FAX: 886-4-2699-6533
E-mail: taining@ms14.hinet.net
http://www.taining.tw
www.taining.com.tw
www.winder.com.tw

OFFICE

盈 俞 股 份 有 限 公 司
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4F., No.50, Lane. 79, Sec. 1, Xiangshang Rd.,
West Dist., Taichung City 40358, Taiwan
TEL: 886-4-2301-0980 FAX: 886-4-2301-2267
E-mail:taining@inwin.tw



4 Spindles

www.taining.com.tw

超強多功能

Powerful Multi-function

TN-35A • TN-35E 全自動高速繞線機-A型管

Automatic High Speed Cross Cone Winder (Cone Type)

TN-35A(B) • TN-35E(B) 全自動高速繞線機(邦迪)-Y型管

Automatic High Speed Cross Cone Winder (King Spool Type) (For Bonded yarn)

TN-35A • TN-35E 全自動高速繞線機-H型管

Automatic High Speed Cross Cone Winder (Spool Type)



TN-35A(B) • TN-35E(B)

Auto Bobbin Feeder and Doffing system

- Offer 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-35A(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-35A • TN-35E • TN-35

Drum Thread-Guidance System

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

TN-35AB • TN-35EB • 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

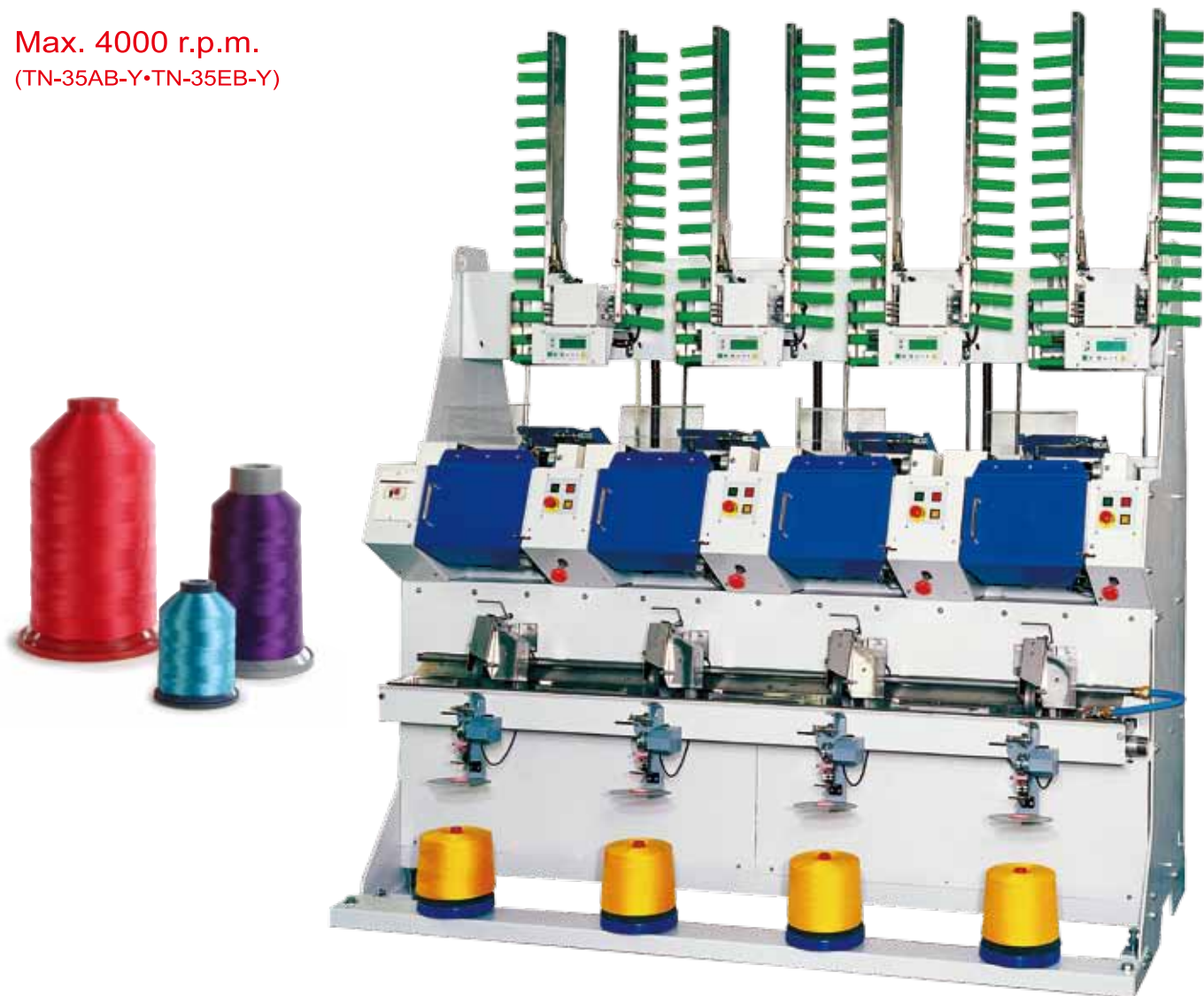
- Ceintralized oil tnak feeds 24 spindles.
- Spindle independent oil filter and filler for consistent trouble-free operation.
- Easy to clean, detachable filters.
- Oversized oil fenders and troughs to minimize oil loss and cleaning.

Max. 10000~12000 r.p.m.
Max. 1200~1600 m/min



Max. 10000~12000 r.p.m.
Max. 1200~1600 m/min

Max. 4000 r.p.m.
(TN-35AB-Y•TN-35EB-Y)



Max. 13000~15000 r.p.m.
Max. 1000~1600 m/min



TN-35A(B) • TN-35E(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-35A(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-35A • TN-35E • 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-35AB • TN-35EB • 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-35A(B) • TN-35E(B) • 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。

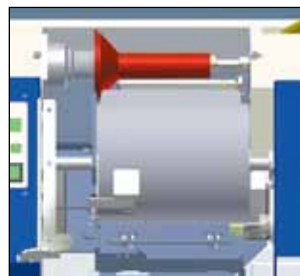
循環式過油系統

- 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。
- 油軸可跟隨線速度。
- 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。

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
TN-35AB-Y, TN-35EB-Y, TN-35B-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



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-35A(B), TN-35E(B)



水平式油筒
Leveling lube tank

選購配備 | Optional