



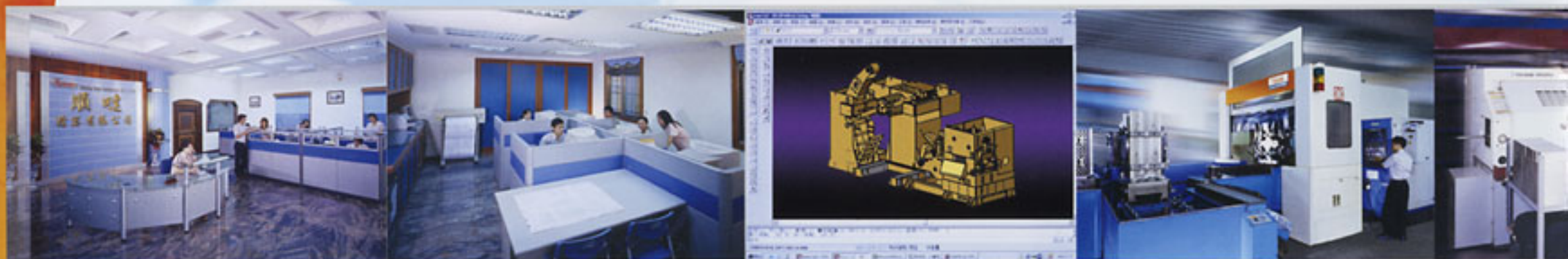
SHUNG-DAR



*NC Servo Feeder, Straightener & Uncoiler 3 in 1
Products Series*

 **SHUNG-DAR** 

SHUNG-DAR



Company Profile

- 1982 Dec.** Established Shung Dar Industrial Co., Ltd. Located in Chang-Hwa City, Taiwan. Manufacturing auto feeding equipment.
- 1984 Jan.** Developing power straightener and uncoiler.
- 1986 Jun.** Starting to provide coil cradle & straightener 2in1 equipment.
- 1988 Apr.** Developing NC servo roll feeder, providing the more accurate feeding equipment.
- 1990 Mar.** Developing the 3in1 machine to combine NC servo roll feeder straightener and uncoiler into one compact unit to make the space more efficient.
- 1994 Jul.** Applied "SD" as trade mark in domestic and overseas market both.
- 1995 Dec.** Established "Chin Shung Dar Precision Industry co."
- 1998 May** Developing robot & transfer feeding system.
- 1999 Jul.** Developing high precision straightener feeding system cut to length line and slitting line to width 2000 mm. The complete feeding line also exported to WSS company in UK.
- 2000 Jan.** Got certification as automatic service title by National Industrial Bureau.
- 2001 Feb.** Conforming to quality assurance system of ISO 9001 and getting the certification of ISO 9001.
- 2001 May** Established New Zealand sale representative.
- 2002 Jan.** Established Australia sale representative.
- 2002 Oct.** Developing NCHF series for thicker material application.
- 2003 Mar.** Established Turkey agent.
- 2003 Jul.** Established new factory and in operation.
- 2003 Oct.** Established Kun Shan Shung Dar Co., Ltd. at Jiang Su, China.
- 2004 Oct.** Established UK agent.
- 2006 Jan.** Established India agent.
- 2006 May** To be the representative of Coe Press Equipment Co., USA in China.
- 2006 Jul.** To sell the first Chamfering Cut To Length Line to India.
- 2006 Aug.** Established Tianjin factory.
- 2007 Jan.** Developing SNR6 & SNR8 series equipment.





NC Servo Feeder, Straightener & Uncoiler 3 in 1 NCMA Series

NCMA Series Feature

Stand Alone Screen Type Control Panel
 ϕ 1200mm Max. Coil Outside Diameter
 Material Width Scales On Mandrel Pads
 4 Heavy Duty Coil Keepers
 Hand Crank Entrance Edge Guides
 2 Rolls Cantenary Support Section
 Feed And Straighten Rolls With A Hard Chrom Finished
 Heavy Duty Machine Cabinet Base
 Feeding Line Easily Adjusts By Advance Worm Gear Screw Jack Device
 All The Straightening Rolls Upper / Lower In Cluster Gear Drving

NCMA
 Series / 200 • 300 • 400

3 in 1

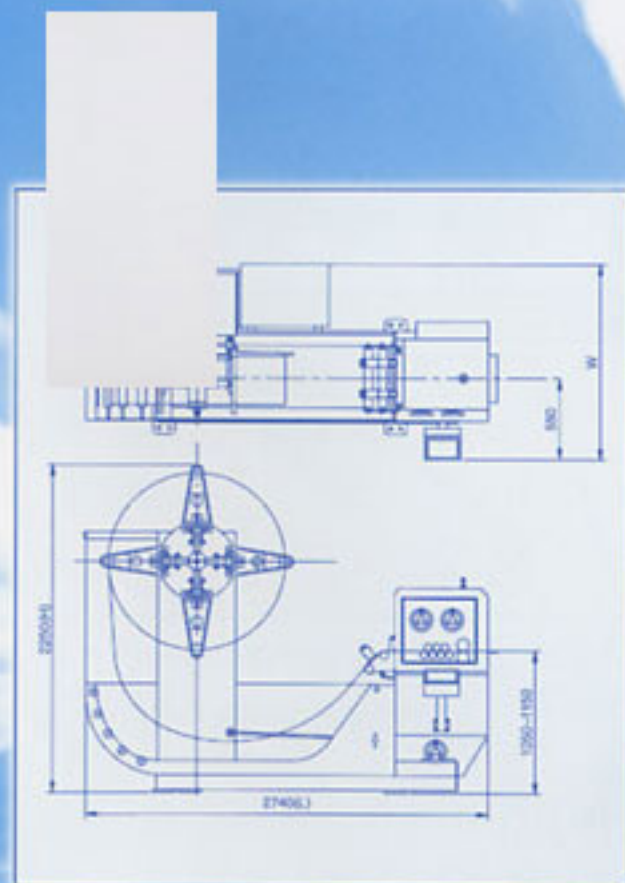


➤ Uncoiler



➤ Straightener & Feeder





Specifications 規格

Model 型式	NCMA-200	NCMA-300	NCMA-400
Coil width (mm) 材料寬度	10~200	10~300	10~400
Coil thickness (mm) 材料厚度	0.15~2.2	0.15~2.2	0.15~2.2
Coil I.D. 料捲內徑	φ 508	φ 508	φ 508
Coil I.D. 料捲外徑	φ 1200	φ 1200	φ 1200
Coil weight (kgs) 料捲重量	1000	1000	1000
Straightening roller (pcs) 矯正輪	上 Upper 3 下 Lower 4	上 Upper 3 下 Lower 4	上 Upper 3 下 Lower 4
Feed roller (pcs) 送料輪	2	2	2
Feed speed (m/min) 送料速度	16	16	16
Drive servo motor (kw) 送料伺服馬達	AC 3.5	AC 3.5	AC 3.5
Uncoil motor (kw) 料架馬達	AC 0.75	AC 0.75	AC 0.75
Mandrel expansion 主軸擴張		Manual operation 手動式	
Air pressure (kg/cm ²) 空氣壓力	5	5	5
Dimensions (LxWxH)(mm) 機器尺寸	2740x1320x2250	2740x1426x2250	2740x1520x2250
Machine weight (kgs) 機器重量	1000	1200	1500

Feeding Straightening Performance 送料矯正能力表

Model	NCMA-200	NCMA-300	NCMA-400
Coil thickness (mm) 材料厚度	Coil width(mm) 材料寬度	Coil width(mm) 材料寬度	Coil width(mm) 材料寬度
0.3~1.0	200	300	400
1.2	170	170	170
1.4	140	140	140
1.6	120	120	120
1.8	100	100	100
2.2	90	90	90

*The above figures are for the material having tensile strenght 40kgf/mm² max.



NC Servo Feeder, Straightener & Uncoiler 3 in 1 NCMF Series

NCMF

Series / 300 · 400 · 500 · 600



NCMF Series Feature

Motorized Coil Reel For Payoff
Heavy Duty Backplate Construction
φ 1200mm Max. Coil Outside Diameter
Hydraulic Mandrel Expansion Feature
Fail Safe Disc Brake For Clockspring Control
Material Width Scales On Mandrel Pads
4 Heavy Duty Coil Keepers
Air Operated Coil Hold Down Arm
Endwheel For Clockspring Control

Variable Speed Pay-off Operations
Hand Crank Entrance Edge Guides
3 Roll Cantenary Support Section
Heavy Duty Machine Cabinet Base
All Straightening Rolls Power Driven
Precision Super Gear Drive Train
Permanently Lubed And Sealed Bearings
Pivoting Type Straightener Head
Feed Width Upper And Lower Feed Rolls

3 in 1

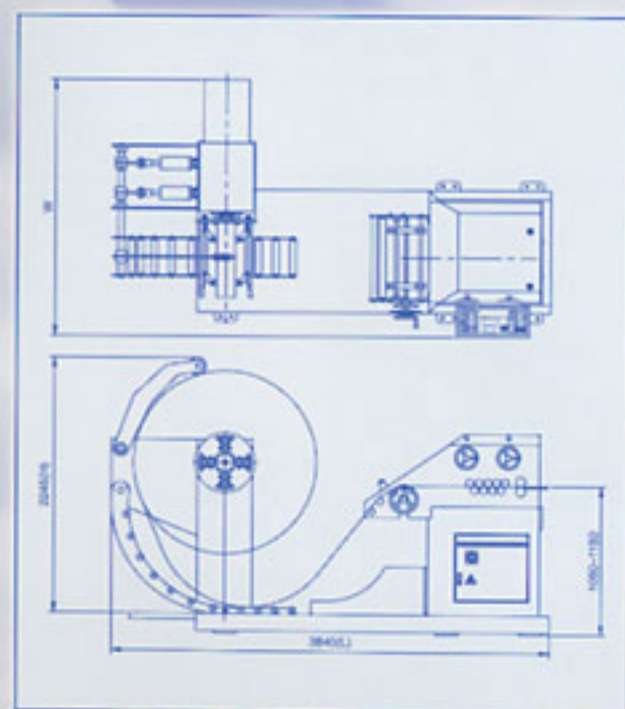


➤ Uncoiler



➤ Straightener & Feeder





Specifications 規格

Model 型式	NCMF-300	NCMF-400	NCMF-500	NCMF-600
Coil width (mm) 材料寬度	30~300	30~400	30~500	30~600
Coil thickness (mm) 材料厚度	0.3~3.2	0.3~3.2	0.3~3.2	0.3~3.2
Coil I.D. 料捲內徑	φ 508	φ 508	φ 508	φ 508
Coil O.D. 料捲外徑	φ 1200	φ 1200	φ 1200	φ 1200
Coil weight (kgs) 料捲重量	3000	3000	3000	3000
Straightening roller (pcs) 矯正輪	Upper 5 Lower 5	Upper 5 Lower 5	Upper 5 Lower 5	Upper 5 Lower 5
Feed roller (pcs) 送料輪	2	2	2	2
Feed speed (m/min) 送料速度	16	16	16	16
Drive servo motor (kw) 送料伺服馬達	AC 3.0	AC 3.0	AC 3.0	AC 5.0
Uncoil motor (kw) 料架馬達	AC 0.75	AC 0.75	AC 1.5	AC 1.5
Mandrel expansion 主軸擴張	Hydraulic operation 油壓式			
Air pressure (kg/cm ²) 空氣壓力	5	5	5	5
Dimensions (LxWxH)(mm) 機器尺寸	3840x2236x2245	3840x2336x2245	3840x2436x2245	3840x2536x2245
Machine weight (kgs) 機器重量	2100	2700	3400	4100

Feeding Straightening Performance 送料矯正能力表

Model	NCMF-300	NCMF-400	NCMF-500	NCMF-600
Coil thickness (mm) 材料厚度	Coil width(mm) 材料寬度	Coil width(mm) 材料寬度	Coil width(mm) 材料寬度	Coil width(mm) 材料寬度
0.3~1.8	300	400	500	600
2.0	300	310	310	310
2.3	230	230	230	230
2.8	160	160	160	160
3.2	135	135	135	135

*The above figures are for the material having tensile strength 40kgf/mm² max.



NC Servo Feeder, Straightener & Uncoiler 3 in 1 NCDF Series

NCDF Series Feature

Feeder-Straightener Features:

- 3 Rolls Catenary Support Section
- Heavy Duty Machine Cabinet Base
- 9 Straightener Rolls -5 Over 4
- Full Width Upper And Lower Feed Rolls
- Feed And Straighten Rolls With Hard Chrome Finished
- Pivoting Type Feeder-Straightener Head For Piloting Operations

Coil Real Features:

- Single End Real Configuration
- Heavy Duty Backplate Construction
- ϕ 1200mm Max. Coil Outside Diameter
- Hydraulic Mandrel Expansion Feature
- 4 Heavy Duty Coil Keepers
- Air Operated Coil Hold Down Arm
- Motorized Endwheel For Coil Threading
- Electric Eye Type Loop Control
- Variable Speed Drive

NCDF

Series / 300·400·500·600·800·1000·1300



3 in 1

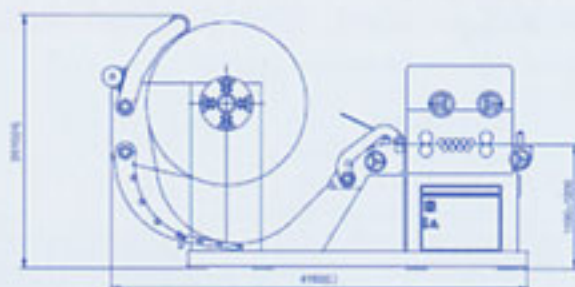
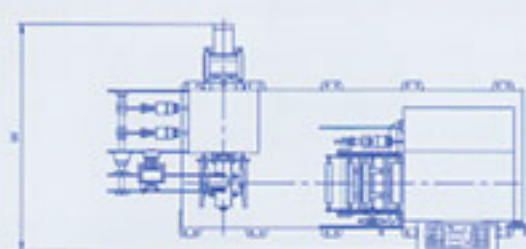


> Uncoiler



> Straightener & Feeder





Specifications 規格

Model 型式	NCDF-300	NCDF-400	NCDF-500	NCDF-600	NCDF-800	NCDF-1000	NCDF-1300
Coil width (mm) 材料寬度	50~300	50~400	50~500	50~600	70~800	100~1000	100~1300
Coil thickness (mm) 材料厚度	0.3~4.5	0.3~4.5	0.3~4.5	0.3~4.5	0.3~4.5	0.3~4.5	0.3~4.5
Coil I.D. 料捲內徑	φ 508	φ 508	φ 508	φ 508	φ 508	φ 508	φ 508
Coil O.D. 料捲外徑	φ 1200	φ 1200	φ 1200	φ 1200	φ 1200	φ 1200	φ 1200
Coil weight (kgs) 料捲重量	3000	3000	3000	3000	5000	5000	5000
Pinch roller (pcs) 進料輪	2	2	2	2	2	2	2
Straightening roller (pcs) 矯正輪	Upper 5 Lower 4	Upper 5 Lower 4	Upper 5 Lower 4	Upper 5 Lower 4	Upper 5 Lower 4	Upper 5 Lower 4	Upper 5 Lower 4
Feed roller (pcs) 送料輪	2	2	2	2	2	2	2
Feed speed (m/min) 送料速度	18	18	18	18	18	18	18
Drive servo motor (kw) 送料伺服馬達	AC Servo 3.5	AC Servo 3.5	AC Servo 5.0	AC Servo 5.0	AC 5.0	AC 5.0	AC 7.0
Uncoil motor (kw) 料架馬達	AC 1.5	AC 1.5	AC 1.5	AC 1.5	AC 2.2	AC 2.2	AC 3.5
Mandrel expansion 主軸擴張	Hydraulic operation 油壓式						
Air pressure (kg/cm ²) 空氣壓力	5	5	5	5	5	5	5
Dimensions (LxWxH)(mm) 機器尺寸	4150x2230x2510	4150x2330x2510	4150x2430x2510	4150x2530x2510	4150x2730x2510	4150x2930x2510	4150x3230x2510
Machine weight (kgs) 機器重量	3500	4100	4700	5300	8500	10500	12500

Feeding Straightening Performance 送料矯正能力表

Model	NCDF-300	NCDF-400	NCDF-500	NCDF-600
Coil thickness (mm) 材料厚度	Coil width (mm) 材料寬度	Coil width (mm) 材料寬度	Coil width (mm) 材料寬度	Coil width (mm) 材料寬度
0.3~2.5	300	400	500	600
3.2	300	330	320	290
4.0	270	270	270	250
4.5	200	200	200	200

Model	NCDF-800	NCDF-1000	NCDF-1300
Coil thickness (mm) 材料厚度	Coil width (mm) 材料寬度	Coil width (mm) 材料寬度	Coil width (mm) 材料寬度
0.3~1.8	800	1000	1300
2.5	320	290	240
3.2	250	240	220
4.0	220	210	200
4.5	180	150	120

*The above figures are for the material having tensile strenght 40kgf/mm² max.

NC Servo Feeder, Straightener & Uncoiler 3 in 1 SNR⁶ Series

SNR6 / SNR8 Series Feature

Feeder-Straightener Features:

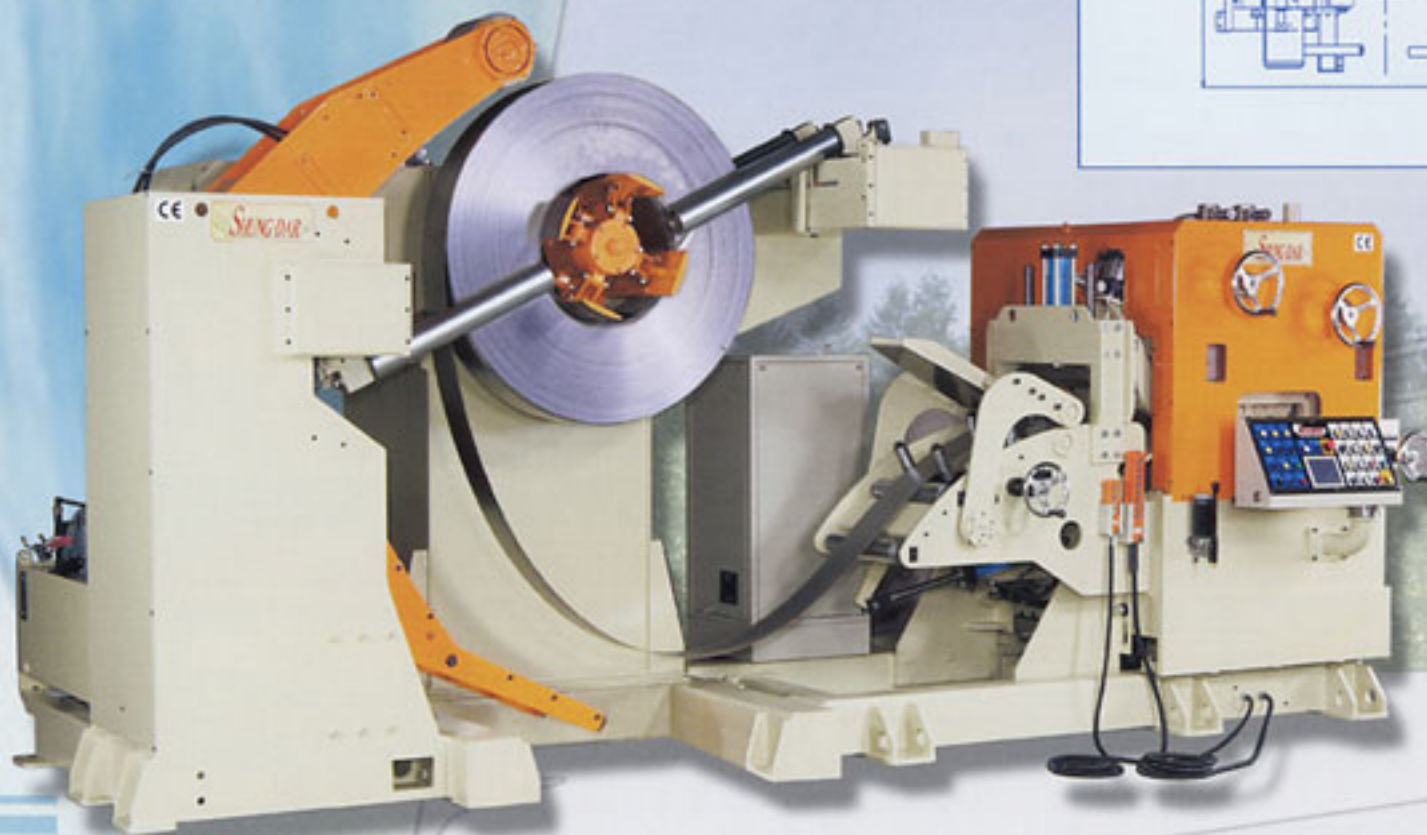
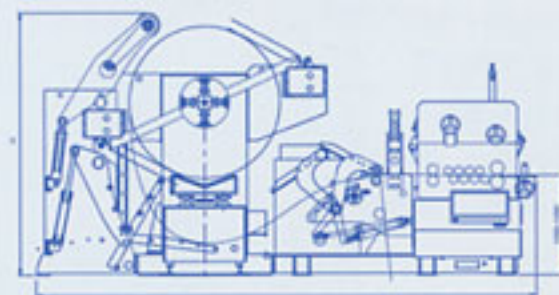
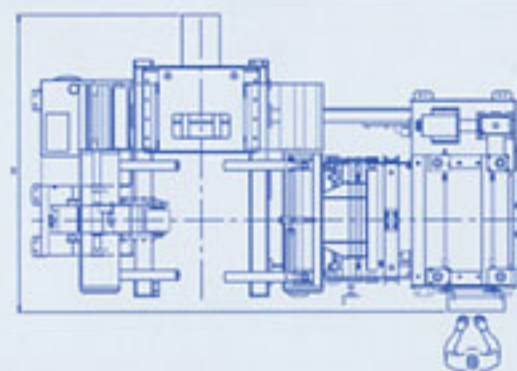
AC Servo Drive-Digital Control
 Centralized Controls For Reel And Feeder
 Powered Debender Threading Assembly
 Dual Rolls Entrance Edge Guides By Motorized
 3 Roll Catenary Support Section With Full Sideplates
 Heavy Duty Cabinet Base With ± 100 mm of Height Adjustment
 Pivoting Type Feeder-Straightener Head For Piloting Operations
 8 Straightening Rolls For Optimum Straightening Capability
 Full Width Upper And Lower Feed Rolls
 Upper Straightener Roll Height Scales And Pointers
 Optimized Roll Diameter And Center Distance
 Remote Jog Pendant For Material Threading
 6" LCD Screen Touch Panel For Set Up

Coil Real Features:

Jog Pendant For Coil Loading And Threading
 AC Variable Speed Drive-Digital Control
 Single End Reel Configuration
 Heavy Duty Backplate
 $\phi 1500$ mm Max. Coil Outside Diameter
 $\phi 508$ mm Coil Inside Diameter
 $\phi 480$ mm - $\phi 520$ mm Mandrel Expansion Range
 Hydraulic Mandrel Expansion Feature
 Coil Hold Down Arm And Support Arm Operated By Hydraulic Motorized
 Upper Dual Coil Guide Assembly Adjustment By Hydraulic Cylinder
 Lower Dual Coil Guide Assembly Adjustment By Hydraulic Cylinder
 Loop Control System With Photo Eyes

SNR6
SNR8

Series / 400-500-600-800-1000-1300-1600



3 in 1



> Uncoiler



> Straightener & Feeder



Specifications 規格

Model 型式	SNR6-400	SNR6-500	SNR6-600	SNR6-800	SNR6-1000	SNR6-1300	SNR6-1600
Coil width (mm) 材料寬度	70~400	70~500	70~600	70~800	70~1000	70~1300	70~1600
Coil thickness (mm) 材料厚度	0.6~6.0	0.6~6.0	0.6~6.0	0.6~6.0	0.6~6.0	0.6~6.0	0.6~6.0
Coil I.D. 料捲內徑	φ 508	φ 508	φ 508	φ 508	φ 508	φ 508	φ 508
Coil O.D. 料捲外徑	φ 1500	φ 1500	φ 1500	φ 1500	φ 1500	φ 1500	φ 1500
Coil weight (kgs) 料捲重量	5000	5000	5000	7000	7000	7000	7000
Pinch roller (pcs) 進料輪	2	2	2	2	2	2	2
Straightening roller (pcs) 矯正輪	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4
Feed roller (pcs) 送料輪	2	2	2	2	2	2	2
Feed speed (m/min) 送料速度	20	20	20	20	20	20	20
Drive servo motor (kw) 送料伺服馬達	AC 7.0	AC 7.0	AC 7.0	AC 10.0	AC 10.0	AC 15.0	AC 15.0
Uncoil motor (kw) 料架馬達	Hydraulic motor	Hydraulic motor	Hydraulic motor	Hydraulic motor	Hydraulic motor	Hydraulic motor	Hydraulic motor
Mandrel expansion 主軸擴張	Hydraulic operation 油壓式						
Air pressure (kg/cm ²) 空氣壓力	5	5	5	5	5	5	5
Dimensions (LxWxH)(mm) 機器尺寸	5300x2650x2800	5300x2750x2800	5300x2850x2800	5300x3050x2800	5300x3250x2800	5300x3550x2800	5300x3850x2800
Machine weight (kgs) 機器重量	10,300	10,600	10,850	12,400	13,000	14,100	14,900

Specifications 規格

Model 型式	SNR8-400	SNR8-500	SNR8-600	SNR8-800	SNR8-1000	SNR8-1300	SNR8-1600
Coil width (mm) 材料寬度	100~400	100~500	100~600	100~800	100~1000	100~1300	100~1600
Coil thickness (mm) 材料厚度	0.8~8.0	0.8~8.0	0.8~8.0	0.8~8.0	0.8~8.0	0.8~8.0	0.8~8.0
Coil I.D. 料捲內徑	φ 508	φ 508	φ 508	φ 508	φ 508	φ 508	φ 508
Coil O.D. 料捲外徑	φ 1500	φ 1500	φ 1500	φ 1500	φ 1500	φ 1500	φ 1500
Coil weight (kgs) 料捲重量	5000	5000	5000	7000	7000	7000	7000
Pinch roller (pcs) 進料輪	2	2	2	2	2	2	2
Straightening roller (pcs) 矯正輪	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4	上 Upper 4 下 Lower 4
Feed roller (pcs) 送料輪	2	2	2	2	2	2	2
Feed speed (m/min) 送料速度	18	18	18	18	18	18	18
Drive servo motor (kw) 送料伺服馬達	AC 10.0	AC 10.0	AC 10.0	AC 15.0	AC 15.0	AC 22.0	AC 22.0
Uncoil motor (kw) 料架馬達	Hydraulic motor	Hydraulic motor	Hydraulic motor	Hydraulic motor	Hydraulic motor	Hydraulic motor	Hydraulic motor
Mandrel expansion 主軸擴張	Hydraulic operation 油壓式						
Air pressure (kg/cm ²) 空氣壓力	5	5	5	5	5	5	5
Dimensions (LxWxH)(mm) 機器尺寸	5300x2650x2800	5300x2750x2800	5300x2850x2800	5300x3050x2800	5300x3250x2800	5300x3550x2800	5300x3850x2800
Machine weight (kgs) 機器重量	10,300	10,600	10,850	12,400	13,000	14,100	14,900



順達實業有限公司
SHUNG DAR INDUSTRIAL CO., LTD.

台灣省 彰化市線東路1段274-16號
274-16, Sec.1, Hsien Tung Rd.,
Changhua City, Taiwan.
TEL:886-4-762-2020
FAX:886-4-762-2022
<http://www.shungdar.com.tw>
E-mail:shungdar@ms17.hinet.net



昆山順達機械有限公司
KUNSHAN SOONDAR MACHINERY CO., LTD.

江蘇省昆山市城北水秀路1143號
1143, Shuixiu Rd., Kunshan City, Jiangsu.
TEL:(0512)5775-0961(Per.) FAX:(0512)5775-0963
東莞服務處:
TEL:13913133938 FAX:0769-7295229
E-mail:soondar@vip.163.com

順達設備(天津)有限公司
SHUNG DAR EQUIPMENT (TIANJIN) CO., LTD.

天津市東麗開發區一經路39號帝達工業園1號廠房
No.1 Factory, No.39 Ti Dar Industrial Area, Yi
Chin Rd., Tong Li Develop Area, Tianjin City.
TEL:(0222)4981355 FAX:(0222)4981356