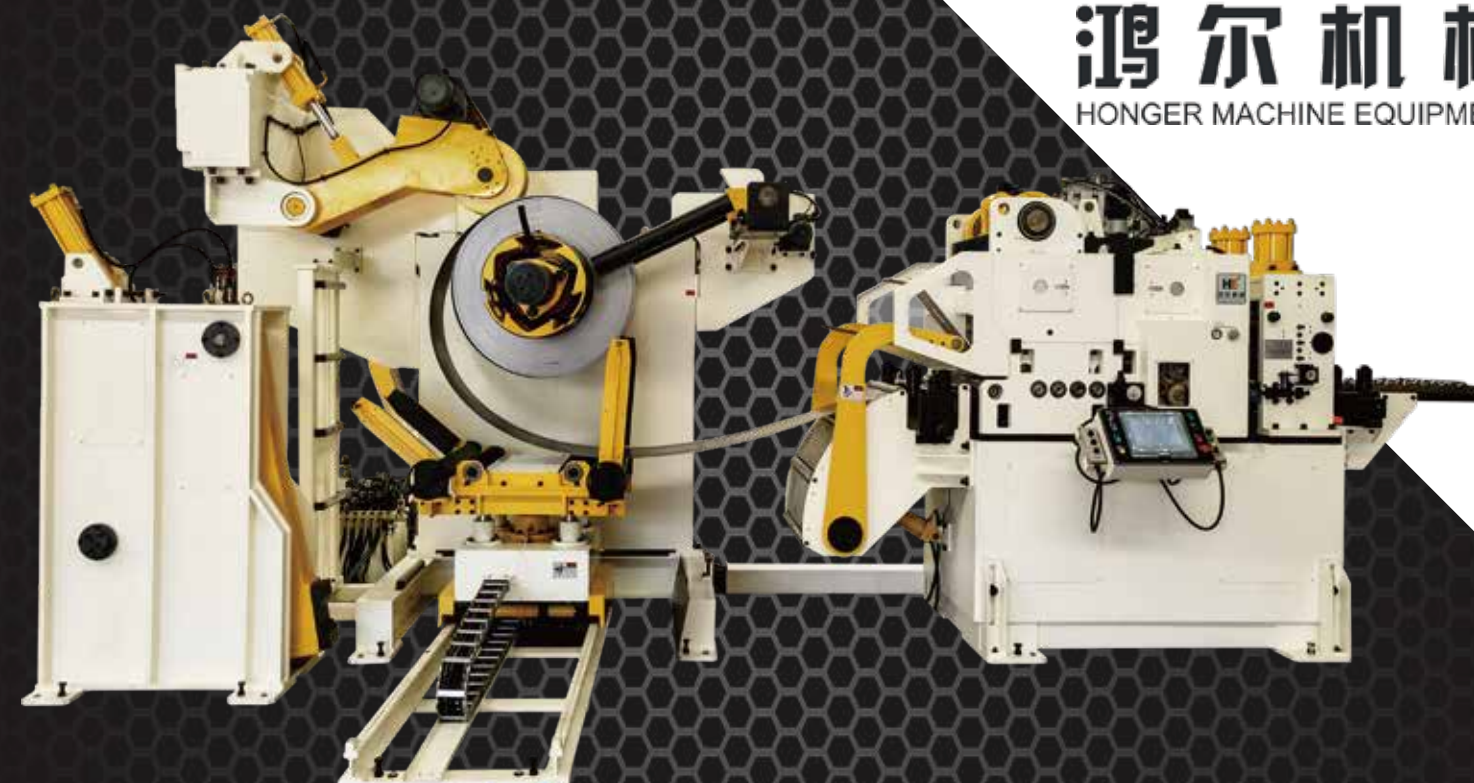




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鸿尔机械
HONGER MACHINE EQUIPMENT



**EXPERT SOLUTION DESIGNER FOR COIL
HANDLING AND PRESS FEEDING LINE**



www.hongerjixie.com



► Credit is the Basis, Quality Comes First

Found in 2002 in Shenzhen China, Hong-Er Machine focuses on the high-quality coil handling and press feeding system. From customization designing&engineering to fabrication, then to commissioning&training, Hong-Er offers a one-stop solution to solve the problem of straightening and feeding coil so well and increases production so substantially. Developed with cutting-edge technology and higher-end market demand, today Hong-Er provides a wide variety of coil handling equipment, including decoiler, straightener, feeder, compact coil feeding line, transfer robots, etc.

Decades of continuous research and practice in press feeding line manufacturing has endowed Hong-Er as a recognized supplier in the metalworking market. Hong-Er has built a wide selling-net in more than 60 countries and regions. Now the company continues to grow with the corporate culture "Credit is the Basis, Quality Comes First". Hong-Er people are always aiming to create the best solution for your production with strong technical support and considerate service.



OUR ADVANTAGES

R&D
From servo feeder to large-scale coil feeding lines, our technical team can always provide the most suitable solution according to the actual production situation of the customer. HongEr research and development capabilities enable our coil handling equipment to easily handle various types of high-strength steel metal coil processing, providing unique mechanical structure design according to different materials and production demands.

Quality
Since its establishment, HongEr has consistently implemented a 100% quality control system. A series of standard tests are required to ensure the stable operation of equipment before delivery of our coil handling equipment. HongEr machine has an extremely low fault rate which guarantees our good reputation in this industry.

Service
Providing systematic and comprehensive services for coil handling equipment plays an important role in the metal fabrication process. HongEr provides lifelong services for your coil feed line, from technical support during installation, regular maintenance, to automated line optimization, and accompanying operational training.



OUR CLIENTS:



HONGER & CUSTOMER:



▶ CONTENTS



P5-14: Compact Coil Feed Line

- GLK4-H high strength coil feed line
- GLK5 decoiler straightener feeder (0.8-9.0mm)
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- GLK3 decoiler straightener feeder (0.5-4.5mm)
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P15-16: Uncoiler Straightener

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P17-21: Coil FeederNCP zigzag servo roll feeder (0.1-2.0mm)

- RNC servo roll feeder (0.2-3.2mm)
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- Stacker, destacker, conveyor

P29-30: Project Case

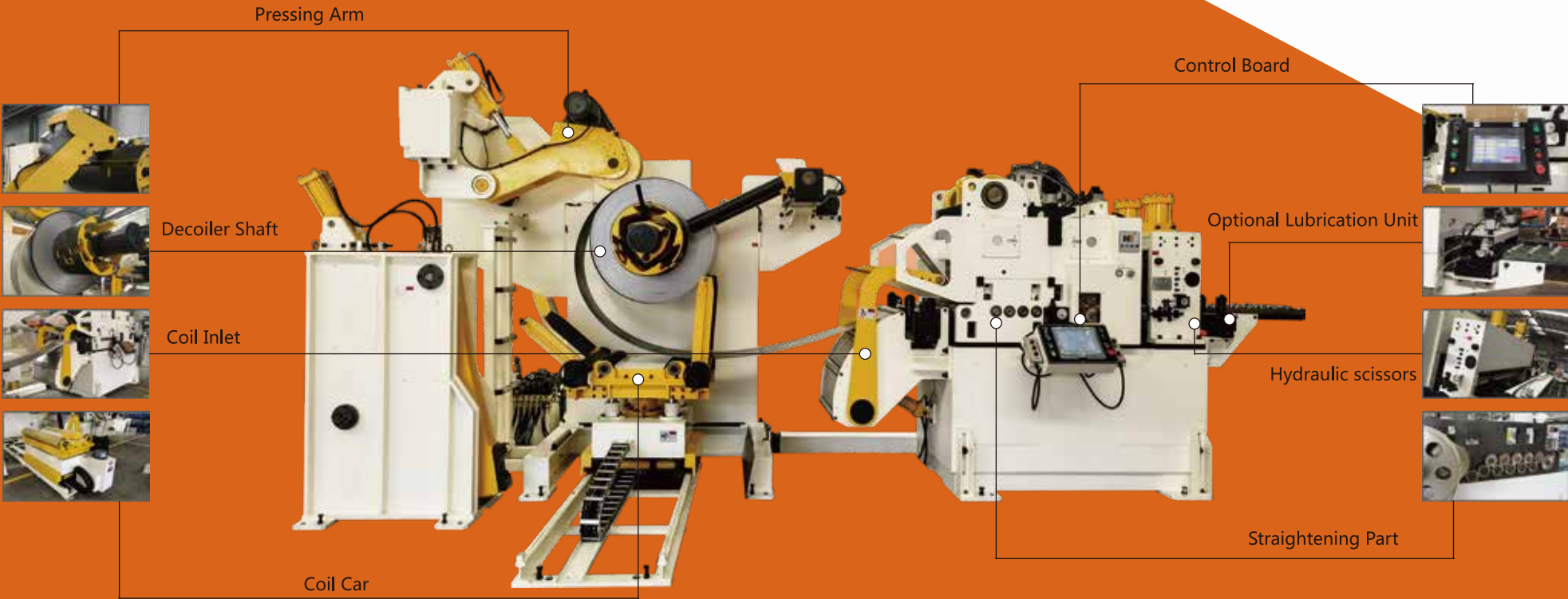
- Coil handling solutions
- Customer projects

GLK4H

High Strength Coil Feed Line
(0.6-6.0mm)

FEATURES

- ▶ High automatic control system with the advanced diagnosis system
- ▶ 10' touch screen for easy and automatic control
- ▶ Yaskawa servo drive and Mitsubishi PLC ensures precision and reliable coil feed control
- ▶ HRC 60±2° straightening roll with wear resistance
- ▶ Auxiliary straightening rolls specially designed for high strength metal coil
- ▶ Pneumatic hold-down pressing arm with a motorized wheel
- ▶ Automatic limiting arm to avoid strip shifting
- ▶ Long service life with the design concept of doubling the safety factor
- ▶ Innovative structure to save workspace
- ▶ Various options are available for different application requirements



SPECIFICATIONS

Model	GLK4-600H	GLK4-800H	GLK4-1000H	GLK4-1300H
Material Width (mm)	70-600	70-800	70-1000	70-1300
Material Thickness (mm)	0.6-6.0			
Max. Coil Weight (kg)	5000	7000	7000	10000
Max. Coil I.D. (mm)	Φ508			
Max. Coil O.D. (mm)	Φ1400			
Max. Feedng Length (mm)	~500			
Feeding Speed (mm)	16-24			
Straightening Roller (pcs)	Upper5/Down4			
Feeding Roller (group)	1			
Servo Motor (kw)	AC7.5	AC11	AC11	AC15
Uncoiler Expansion	Hydraulic			
Power Voltage (V)	220V 60HZ / 380V 60HZ			
Uncoiler Motor (kw)	AC3.7	AC3.7	AC5.5	AC7.5
Operating Air Pressure (Mpa)	0.49			

Straightening Performance(For High Tension Metal Sheet)								
Model		Thickness(mm)						
		2.3	2.8	3.2	4.0	4.5	5.0	6.0
Width(mm)	GLK4-600H	255	205	177	138	120	106	81
	GLK4-800H	252	203	175	136	119	105	
	GLK4-1000H	250	202	174	135	118	104	
	GLK4-1300H	246	199	171	133	116	103	

The above figures are the material having yield strength of 600N/mm² max.

Straightening Performance									
Model		Thickness(mm)							
		0.8-3.2	2.5	2.8	3.2	4.0	4.5	5.0	6.0
Width(mm)	GLK4-600H	600				457	361	293	203
	GLK4-800H	800			714				
	GLK4-1000H	1000	933	920					
	GLK4-1300H	1300							

The above figures are the material having yield strength of 245N/mm² max.

GLK5

Decoiler-Straightener-Feeder
(0.8-9.0mm)

FEATURES

- ▶ Reinforced frame and HongEr unique designed structure
- ▶ High automatic control system with the advanced diagnosis system
- ▶ 9pcs of high-quality straightening rollers for precision straightening
- ▶ Coil width up to 1800mm, thickness up to 9.0mm
- ▶ The upper straightening roll part can be opened for easy clean and maintenance
- ▶ Stepping motor for precision adjustment of the electrical straightening value
- ▶ 10' touch screen for easy operation control
- ▶ Parameter storage function for mass production



SPECIFICATIONS

Model	GLK5-600	GLK5-800	GLK5-1000	GLK5-1300
Material Width (mm)	70-600	70-800	70-1000	70-1300
Material Thickness (mm)	0.8-9.0			
Max. Coil Weight (kg)	5000	5000	7000	10000
Max. Coil I.D. (mm)	Φ508			
Max. Coil O.D. (mm)	Φ1400			
Max. Feeding Length (mm)	~500			
Feeding Speed (mm)	16			
Straightening Roller (pcs)	Upper5/ Down4			
Auxiliary straightening roll group	Provided			
Servo Motor (kw)	AC15	AC15	AC22	AC30
Uncoiler Motor (kw)	AC3.7	AC3.7	AC5.5	AC7.5
Uncoiler Expansion	Hydraulic			
Power Voltage (V)	220V 60HZ / 380V 60HZ			
Operating Air Pressure (Mpa)	0.49			

Straightening Performance									
Material Yield Strength $\sigma_b \leq 245\text{N/mm}^2$, Material Tensile strength $\sigma_s \leq 392\text{N/mm}^2$									
Model		Thickness(mm)							
		0.8-3.2	4.0	4.5	5.0	6.0	7.0	8.0	9.0
Width(mm)	GLK5-600	600			648	450	331	253	200
	GLK5-800	800							
	GLK5-1000	1000		800					
	GLK5-1300	1300	1013						

Straightening Performance(For High Tension Metal Sheet)										
Material Yield Strength $\sigma_b \leq 600\text{N/mm}^2$, Material Tensile strength $\sigma_s \leq 960\text{N/mm}^2$										
Model		Thickness(mm)								
		2.3	2.8	3.2	4.0	4.5	5.0	6.0	7.0	8.0
Width(mm)	GLK5-600	533	432	374	292	257	228	180	132	101
	GLK5-800	527	427	369	289	254	225			
	GLK5-1000	521	422	365	286	251	223			
	GLK5-1300	511	414	358	281	246	219	178		

GLK4

Decoiler-Straightener-Feeder
(0.6-6.0mm)



SPECIFICATIONS

Model	GLK4-400	GLK4-600	GLK4-800	GLK4-1000	GLK4-1300
Coil Width (mm)	70-400	70-600	70-800	70-1000	70-1300
Coil Thickness (mm)	0.6-6.0				
Max. Coil Weight (kg)	5000	5000	7000	7000	7000
Max. Coil O.D.(mm)	Φ1400				
Max. Coil I.D. (mm)	Φ508				
Max. Feedng Length (mm)	~500				
Max. line Speed (m/min)	16-24				
Straightening Rolls (pcs)	Upper4/Down3				
Feeding Roller (group)	1				
Servo Motor (kw)	AC5.5	AC7.5	AC7.5	AC11	AC11
Uncoiler Expansion	Hydraulic				
Uncoiler Motor (kw)	AC2.2	AC2.2	AC3.7	AC3.7	AC3.7
Power Voltage (V)	220V 60HZ / 380V 60HZ				
Operating Air Pressure (Mpa)	0.49				

FEATURES

- ▶ 7' touch screen for easy and automatic control
- ▶ Yaskawa servo drive and Mitsubishi PLC ensures precision and reliable coil feed control
- ▶ HRC 60±2°straightening roll with wear resistance
- ▶ Innovative structure to save workspace
- ▶ Various options are available for different application requirements

Straightening Performance											
Material Yield Strength $\sigma_b \leq 245\text{N/mm}^2$, Material Tensile strength $\sigma_s \leq 392\text{N/mm}^2$											
Model		Coil Thickness(mm)									
		0.6-1.3	2.0	2.3	2.5	2.8	3.2	4.0	4.5	5.0	6.0
Width(mm)	GLK4-400	400						361	293	203	
	GLK4-600	600					457				
	GLK4-800	800				714					
	GLK4-1000	1000			933						
	GLK4-1300	1300		1170							

GLK3

Decoiler-Straightener-Feeder
(0.3-4.5mm)



FEATURES

- ▶ Servo control system with advanced diagnosis system ensures precision and reliable coil feed control
- ▶ 7" touch screen for easy and automatic operation control
- ▶ HRC 60±2° high-quality straightening rolls with wear resistance
- ▶ Innovative structure to save workspace
- ▶ Various options are available for different application requirements

Application

Electronic appliances production
Automotive components pressing
Houseware parts manufacturing
Laser cutting line



SPECIFICATIONS

Model	GLK3-400	GLK3-600	GLK3-800	GLK3-1000
Coil Width (mm)	50-400	50-600	50-800	50-1000
Coil Thickness (mm)	0.5-4.5			
Max. Coil Weight (kg)	5000		5000 7000	7000
Max. Coil O.D. (mm)	Φ1400			
Max. Coil I.D. (mm)	Φ508			
Max. Feeding Length (mm)	~500			
Max. line Speed (m/min)	16-24			
Straightening Rolls (pcs)	Upper4/Down3			
Feeding Roller (group)	1			
Servo Motor (kw)	AC4.4	AC4.4	AC5.5	AC7.5
Uncoiler Expansion	Hydraulic			
Uncoiler Motor (kw)	AC2.2	AC2.2	AC2.2 AC3.7	AC3.7
Power Voltage (V)	220V 60HZ / 380V 60HZ			
Operating Air Pressure (Mpa)	0.49			

Straightening Performance											
Material Yield Strength $\sigma_b \leq 245\text{N/mm}^2$, Material Tensile strength $\sigma_s \leq 392\text{N/mm}^2$											
Model		Coil Thickness(mm)									
		0.3-0.8	1.0	1.2	1.6	1.8	2.0	2.3	2.8	3.2	4.5
Width(mm)	GLK3-400	400							370	300	160
	GLK3-600	600			590	500	430	360	290	250	160
	GLK3-800	800		700	480	420	370	320	250	220	150
	GLK3-1000	1000	750	600	430	380	330	290	230	220	110

GLK2

Decoiler-Straightener-Feeder
(0.3-3.2mm)

FEATURES

- ▶ Innovative structure to save workspace
- ▶ Servo control system with advanced diagnosis system ensures precision and reliable coil feed control
- ▶ 7' touch screen for easy and automatic operation control
- ▶ HRC 60±2° high-quality straightening rolls with wear resistance
- ▶ Parameter storage function for mass production
- ▶ Various options are available for different application requirements



SPECIFICATIONS

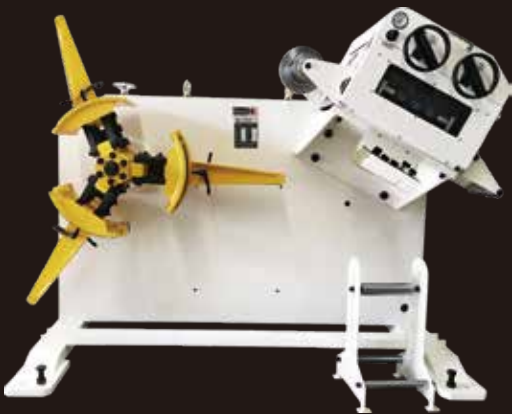
Model	GLK2-300	GLK2-400	GLK2-500	GLK2-600	GLK2-800	GLK2-1000
Material Width (mm)	50-300	50-400	50-500	50-600	50-800	50-1000
Material Thickness (mm)	0.3-3.2					
Max. Coil Weight (kg)	2000	2000	3000	5000	5000	7000
Max. Coil I.D. (mm)	Φ508					
Max. Coil O.D. (mm)	Φ1200					
Max. Speed (m/min)	16					
Straightening Roller (pcs)	Upper6 / Down5					
Power Voltage (V)	380VAC 60HZ					
Operating Air Pressure (Mpa)	5kg/cm²					
Uncoiler Expansion	Hydraulic					
Servo Motor (kw)	AC2.9	AC2.9	AC4.4	AC4.4	AC5.5	AC5.5
Uncoiler Motor (kw)	AC0.75	AC1.5	AC1.5	AC2.2	AC2.2	AC3.7

Straightening Performance										
Material Yield Strength $\sigma_b \leq 245\text{N/mm}^2$, Material Tensile strength $\sigma_s \leq 392\text{N/mm}^2$										
Model		Thickness(mm)								
		0.3	1.0	1.3	1.6	2.0	2.3	2.5	2.8	3.2
Width(mm)	GLK2-300	300							250	
	GLK2-400	400						250		
	GLK2-500	500					250			
	GLK2-600	600				230				
	GLK2-800	700			200					
	GLK2-1000	800		180						

Uncoiler-Straightener

FEATURES

- ▶ The combined structure guarantee a synchronization between uncoiler and straightener and save workspace
- ▶ With pneumatic pressure on straightener roller and worm gear adjusting, it can achieve a precision straightening performance for many different kinds of sheet metal coil



▲ GL

SPECIFICATIONS

Model	GL-200	GL-300	GL-400	GL-500	GL-600
Width of material (mm)	200	300	400	500	600
Thickness of material (mm)	0.3-3.2				
Line speed (m/min)	15				
Straightener roller (Qty)	4 on top/3 on bottom				
Pinch roller (Qty)	inlet:2/outlet:2				
Max.material weight (kg)	600	1000	1500	2000	2000
Coil I.D. (mm)	460-520				
Coil O.D. (mm)	1200				
Main motor (Hp)	1	2	2	3	3
Mandrel expansion	manual(hydraulic expansion is optional)				

SPECIFICATIONS

Model	GL-400H	GL-600H	GL-800H
Width of material (mm)	400	600	800
Thickness of material (mm)	0.5-4.5		
Line speed (m/min)	16		
Straightener roll (Qty)	4 on top/3 on bottom		
Pinch roller (Qty)	inlet:2/outlet:2		
Max.material weight (kg)	3000	5000	7000
Coil I.D. (mm)	460-520		
Coil O.D. (mm)	1200		
Straightener motor (Hp)	2.2	5.5	5.5
Uncoiler motor (Hp)	1.5	2.2	2.2
Mandrel expansion	hydraulic		



▲ GL-H



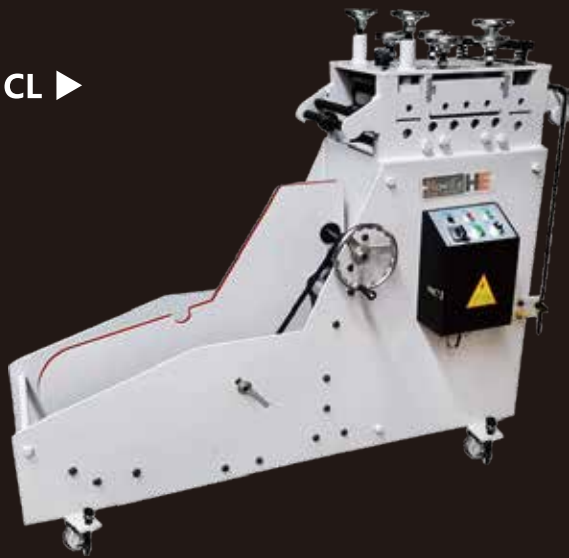
▲ GO-BF

SPECIFICATIONS

Model	GO-200BF	GO-300BF	GO-400BF	GO-500BF
Width of material (mm)	200	300	400	500
Thickness of material (mm)	0.1-1.2			
Coil I.D. (mm)	508			
Coil O.D. (mm)	1200			
Max.material weight (kg)	800	1000	1500	2000
Expansion style	manual			
Main motor (Hp)	1	2	2	2

SPECIFICATIONS

Model	CL-150	CL-200	CL-250	CL-300
Width of material (mm)	150	200	250	300
Thickness of material (mm)	0.4-2.2			
Coil O.D. (mm)	800			
Max.material weight (kg)	350	400	500	500
Speed (m/min)	15			
Main motor (Hp)	1/2	1	1	1



CL ▶

FEATURES

- ▶ High performance Yaskawa servo control system
- ▶ Reliable air cylinder release
- ▶ 10 segments feeding length setting



▲ RNC
0.2-3.2mm

SPECIFICATIONS

Model	RNC-200	RNC-300	RNC-400	RNC-500	RNC-600
Width of material (mm)	200	300	400	500	600
Thickness of material (mm)	0.2-3.2				
Max.feeding length (mm)	9999.99				
Feeding accuracy (mm)	±0.1mm				
Speed (m/min)	16				
Releasing system	Pneumatic type				
Feeding line adjustment (mm)	±50				
Power supply	AC 220V/380V				

FEATURES

- ▶ Combined modular design, high-quality components, and precision assembly
- ▶ Adjustable bracket with ±50mm adjustment

SPECIFICATIONS

Model	RNC-200H	RNC-300H	RNC-400H	RNC-500H	RNC-600H
Width of material (mm)	200	300	400	500	600
Thickness of material (mm)	0.5-6.0				
Max.feeding length (mm)	9999.99				
Feeding accuracy (mm)	±0.1mm				
Speed (m/min)	16				
Releasing system	Pneumatic type				
Feeding line adjustment (mm)	±50				
Power supply	AC 220V/380V				



RNC-H ▲
0.5-6.0mm



▲ RNC-B
0.4-4.5mm

SPECIFICATIONS

Model	RNC-200B	RNC-300B	RNC-400B	RNC-500B	RNC-600B
Width of material (mm)	200	300	400	500	600
Thickness of material (mm)	0.5-4.5				
Max.feeding length (mm)	9999.99				
Feeding accuracy (mm)	±0.1mm				
Speed (m/min)	16				
Releasing system	Pneumatic type				
Feeding line adjustment (mm)	±50				
Power supply	AC 220V/380V				

Coil Feeder

FEATURES

- ▶ The mechanical type release system
- ▶ High-reliability Mitsubishi controller
- ▶ 10 segments feeding length setting
- ▶ Press mount bracket with +/-50mm adjustment



▲ NCF
0.1-1.6mm

SPECIFICATIONS

Model	NCF-100	NCF-200	NCF-300	NCF-400	NCF-500
Max.material width (mm)	100	200	300	400	500
Feeding line height (mm)	100-280				
Material thickness (mm)	0.1-1.6				

SPECIFICATIONS



▲ JSG
Gripper Feeder

Model	JSG-25		JSG-30		JSG-50		JSG-80	
Feeding Angle (deg)	165	140	165	140	165	140	165	140
Material Width (mm)	0-25		0-30		0-50		0-80	
Material Thickness (mm)	0-2		0-2		0-2		0-2	
Pressure (infinitely regulated)(N)	500-1500		500-1500		500-1500		500-1500	
Material Width (mm)	0-100		0-100		0-100		0-100	
Stroke Per Minute (spm)	1500	1300	1400	1200	1200	1000	1000	800
Feed Accuracy (mm)	±0.2mm							
Release Angle (deg)	60							
Operating Air Pressure (Mpa)	490-590							
Lubrication	Forced lubrication							
Lubricant	Gear oil							
Weight(kg)	60							
Input shaft maximum bending torque	1862							



FEATURES

- ▶ Specially designed for blanking line and multi-stage stamping press feeding, reduce material waste in sheet metal processing
- ▶ It uses high-speed linear bearings, rails are with special treatment, with low noise, high wear resistance, low friction load, and smooth movement speed

◀ NCP
Zig Zag Feeder(0.1-2.0mm)

SPECIFICATIONS

Model	NCP-200	NCP-300	NCP-400	NCP-500	NCP-800
Max.material width (mm)	200	300	400	500	800
Material thickness(mm)	0.1-2.0				
Max.Feeding Speed	24m/min				
Max.Zigzag Movement Speed	18m/min				
Feeding accuracy (mm)	±0.2				

FEATURES

- ▶ Ideal for high-speed production, with feeding speed up to 400SPM
- ▶ Reliable mechanical structure with long service life
- ▶ Metal strip thickness from 0.1mm to 3.5mm



▲ RF
Roll Feeder
(Mechanical Release)

SPECIFICATIONS

Model	RF-105NS	RF-205NS	RF-305NS	RF-405NS	RF-138NS	RF-1310NS	RF-2010NS	RF-2015NS	RF-3010NS	RF-4010NS
Max.material width (mm)	100	200	80	100	130	130	250	300	350	400
Material thickness (mm)	0-1.6					0-3.5				
Max.feeding length (mm)	50	50	50	50	80	100	100	150	100	100
Mould line height (mm)	55-100					70-140				
Machine weight (kg)	64	87	103	121	76	142	155	162	180	200

Coil Feeder

FEATURES

- ▶ Intermittent roll feed is adopted in the cam driving system.
- ▶ Feeding length is altered by changing 2 to 4 pieces of gears.
- ▶ The system is driven by a bottom roll. The upper roll is pressed by the spring.
- ▶ Manual change of the air valve is used to release the upper and bottom rolls when inserting the material.
- ▶ The gear system is lubricated automatically.
- ▶ All the rolls are hard chrome plated.
- ▶ The slackening device is eccentricity cam, so the slackening angle is within 0°~180° and is adjustable.

FEATURES

- ▶ The feeding speed can reach 1200 SPM.
- ▶ Suitable for high-speed stamping line, such as terminal stamping, small electrical parts stamping, etc.
- ▶ Without marks left on the material surface after feeding, gripper feeder is ideal for copper, stainless steel, aluminum etc.material.
- ▶ Easy to operate and stable, noiseless during operation.

SPECIFICATIONS

Model	GS-906N	GS-1512N
Material width (mm)	0-90	0-150
Material thickness (mm)	0.1-1.5	0.1-1.5
Feeding length (mm)	60	120
Feeding angle	180	180
Release angle	adjustable	
Feed mechanism	Crank shaft transmission	



◀ **GS Gripper Feeder**

GCF ▶ Cam Feeder



SPECIFICATIONS

Model	GCF-150	GCF-200	GCF-250	GCF-300
Material width (mm)	150	200	250	300
Material thickness (mm)	0.35-1.0	0.35-1.0	0.35-1.0	0.35-1.0
Index No.	4	4	4	4
Feeding length (mm)	0.15-199			
Feeding angle	180°	180°	180°	180°
Release angle	135°-195°			

Uncoiler



▲ **MT-F Heavy Duty Uncoiler**

FEATURES

- ▶ Quality uncoiler spindle with good load-bearing performance and fatigue resistance
- ▶ Hydraulic cylinder for a smooth expansion
- ▶ A.C.variable speed drive systems
- ▶ Photoelectric type loop sensors
- ▶ Pneumatic disk brake

SPECIFICATIONS

Model	MT-800F	MT-1000F	MT-1300F	MT-1600F
Thickness (mm)	0.3 -3.0			
Coil Width (mm)	30 -800	30 -1000	30 -1300	30 -1600
Coil weight (kg)	3000	5000	8000	10000
Coil inner diameter (mm)	508/610	508/610	508/610	508/610
Coil outside diameter (mm)	1200	1200	1400	1400
Motor	1HP	1.5HP		2HP
Mandrel expansion	Hydraulic expansion			

FEATURES

- It applied in press feeding line with uncoiling speed 16m/min, suitable for most kind of coil material.
- Depends on different industry application, we offer a variety of options: Uncoiler spindle manual expansion or hydraulic expansion spindle; Optional pneumatic coil hold-down arm for springy metal coil materials; A.C. fixed speed or A.C.variable speed drive systems.

SPECIFICATIONS

Model	MT-200	MT-300	MT-400	MT-500	MT-600
Thickness (mm)	0.3-3.0				
Coil Width (mm)	30-200	30-300	30-400	30-500	30-600
Coil weight (kg)	500	800	1000	1500	2000
Coil inner diameter (mm)	508	508	508	508	508
Coil outside diameter (mm)	1200	1200	1200	1200	1200
Motor (Hp)	1	1	1.5	1.5	2
Mandrel expansion	Manual/Hydraulic				



▲ MT
Medium Duty Uncoiler

FEATURES

- Adopting horizontal traverse structure, low gravity center and suitable for thin and narrow coils.
- An inverter is equipped to ensure the running speed is smoothly so as to protect material.
- 4-5 coils can be loaded in one time, loading weight reach 2500kg.

SPECIFICATIONS

Model	FU-1000	FU-2000	FU-2500
Material width (mm)	120	150	150
Material thickness (mm)	0.1-1.0	0.1-1.2	0.1-1.5
Max.loading weight (kg)	1000	1500	2500
Loading height (mm)	600	600	600
Decoiling speed (mm)	0-24	0-24	0-24
Motor (Hp)	0.5	1	1.5



FU ►
Pallet Uncoiler

FEATURES

- Double uncoiler is used in metal coil processing application which needs quick coil change, ideal for high-speed lamination stamping line
- Stable construction with welded steel
- Different loading capacity according to specific coil handling process requirements

SPECIFICATIONS

Model	DBMT-200	DBMT-300	DBMT-400
Material width (mm)	200	300	400
Material thickness (mm)	0.35-1.6	0.35-1.6	0.35-1.6
Coil inner diameter (mm)	450-530	450-530	450-530
Coil outside diameter (mm)	1200	1200	1200
Loading weight per side (kgs)	1000	1500	2000



▲ DBMT
Double Head Uncoiler

A customized coil feed line

- High speed feeding line.
- Decoiler with coil car + S loop straightener.



▲
MT-500+SFS-500

Steel Straightener

FEATURES

- Precision sheet metal straighteners with air cylinder roll pressure.
- The worm gears guarantee a high precision straightening value adjustment.
- 9pcs of high-quality GCr15 straightener rolls, hardness reach HRC60±2, with wear resistance.
- The straightening speed is about 15m/min, with Delta inverter for speed control

SPECIFICATIONS

Model	HS-200A HS-200B	HS-300A HS-300B	HS-400A HS-400B	HS-500A HS-500B	HS-600A HS-600B
Material width (mm)	200	300	400	500	600
Material thickness (mm)	0.5-4.5 1.5-6.0	0.5-4.5 1.5-6.0	0.5-4.5 1.5-6.0	0.5-4.5 1.5-6.0	0.5-4.5 1.5-6.0
Material out speed (m/min)	15	15	15	15	15
Pinching roller (mm*pcs)	Φ95×2 Φ120×2	Φ95×2 Φ120×2	Φ95×2 Φ120×2	Φ95×2 Φ120×2	Φ95×2 Φ120×2
Straightener roller (mm*pcs)	Φ90×9 Φ120×9	Φ90×9 Φ120×9	Φ90×9 Φ120×9	Φ90×9 Φ120×9	Φ90×9 Φ120×9
Motor (HP)	3	5	5	7.5	7.5



▲ HS
Precision Straightener

FEATURES

- High precision sheet metal straightener suitable for the stainless steel, copper, iron, aluminum sheet from thickness 0.2mm to 1.2mm.
- 15pcs High-quality GCr15 straightener rolls, hardness reach HRC60±2, with wear resistance. The straightening rollers adopt independent transmission.
- The scratch-type rolls adjustment method is used instead of the traditional dial indicator adjustment method, no additional correction is required.
- Delta inverter for speed control

SPECIFICATIONS

Model	JM3-100	JM3-200	JM3-300	JM3-400
Thickness (mm)	0.2-1.2			
Width (mm)	0-100	0-200	0-300	0-400
Straightener roller	Ø48(top9/down10)			
Adjustment style	4 point minor adjustment			
Speed	0~16m/min			
Motor	1HP	1.5HP	2HP	



► JM3
Precision
Straightener



▲ TL
Straightener

FEATURES

- Suitable for most kinds of metal material
- Spring type roll pressure
- Antenna type loop sensor

SPECIFICATIONS

Model	TL-200	TL-300	TL-400	TL-500	TL-600
Material width (mm)	200	300	400	500	600
Material thickness (mm)	0.4-2.2	0.4-2.2	0.4-2.2	0.4-2.2	0.4-2.2
Material out speed (m/min)	15	15	15	15	15
Pinching roller (mm*pcs)	Φ60×2 Φ80×2	Φ60×2 Φ80×2	Φ60×2 Φ80×2	Φ60×2 Φ80×2	Φ60×2 Φ80×2
Section roller (mm*pcs)	Φ50×7	Φ50×7	Φ50×7	Φ50×7	Φ50×7
Motor (HP)	1	1	2	2	3



▲ JMS
S Loop Straightener

FEATURES

- S-loop straightener equips inverter for a variable feeding speed control, and the material loop is controlled by a photoelectric switch.
- It is used in high-speed electric motor lamination stamping line.

SPECIFICATIONS

Model	JMS-150	JMS-200	JMS-300	JMS-400
Thickness (mm)	0.1-1.6			
Width (mm)	0-150	0-200	0-300	0-400
Speed (m/min)	0-60			
Motor (Hp)	2	3	3	5

3-Dimensional Transfer Robots



◀ TA

FEATURES

- ▶ Suitable for multistage production automation
- ▶ Servo motor and electrical cam for transfer system control, touch screen for operation
- ▶ High accuracy with fast response, achieves synchronous work with the press machine on the high-speed stamping.
- ▶ Flexible loading and stacking system for optional



SPECIFICATIONS

Model	TA50-15-10B1	TA60-15-15B1	TA80-20-20B1	TA120-35-25B1
Traverse stroke (X dimension)	0-500 mm	0-600 mm	0-800 mm	0-1200 mm
Traverse stroke (Y dimension)	0-150 mm	0-150 mm	0-200 mm	0-300 mm
Height stroke (Z dimension)	0-100 mm	0-150 mm	0-200 mm	0-250 mm
Max.loading weight (kg)	100	120	150	250
Speed (SPM)	30	25	20	12

2-Dimensional Transfer Robots

FEATURES

- ▶ It is suitable for multistage production on one press. It can work with the press to achieve automatic stamping process.
- ▶ Combined modular design, It contains the main motor, conveying rod, auto rod changeable system, movable operation panel, etc.
- ▶ Flexible feeding and stacking system for optional



SPECIFICATIONS

Model	TA30-05B1	TA40-10B1	TA50-20B1
Traverse stroke (X dimension)	0-300 mm	0-400 mm	0-500 mm
Traverse stroke (Y dimension)	0-50 mm	0-100 mm	0-100 mm
Max.loading weight (kg)	35	45	55
Speed (SPM)	50	40	32

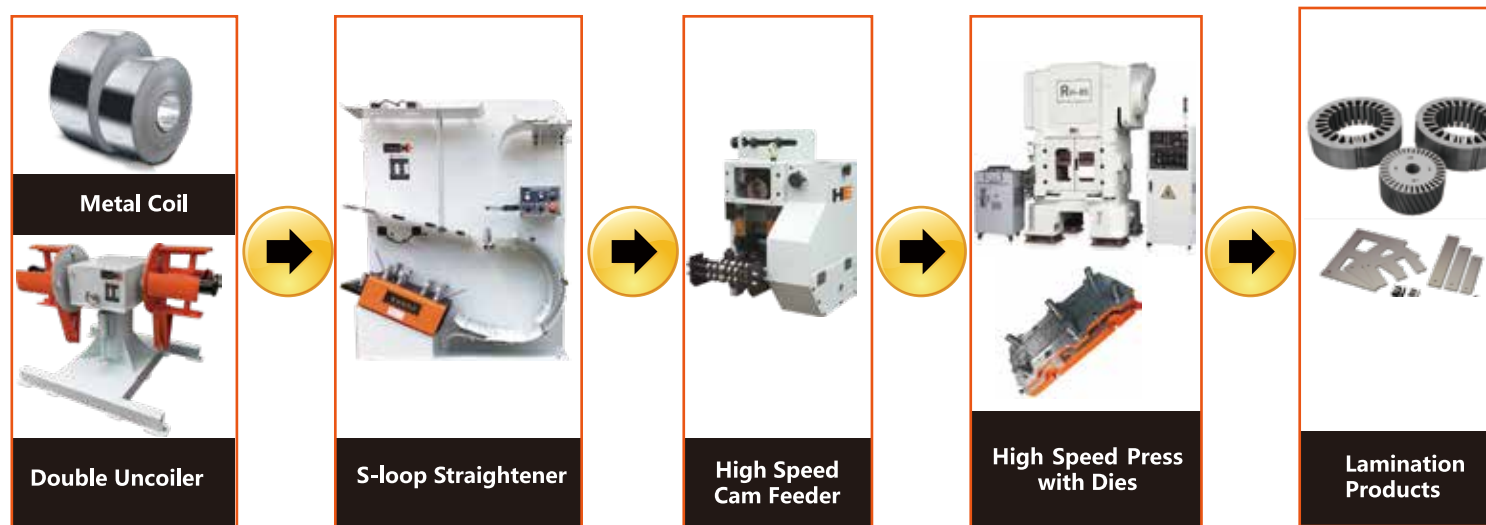
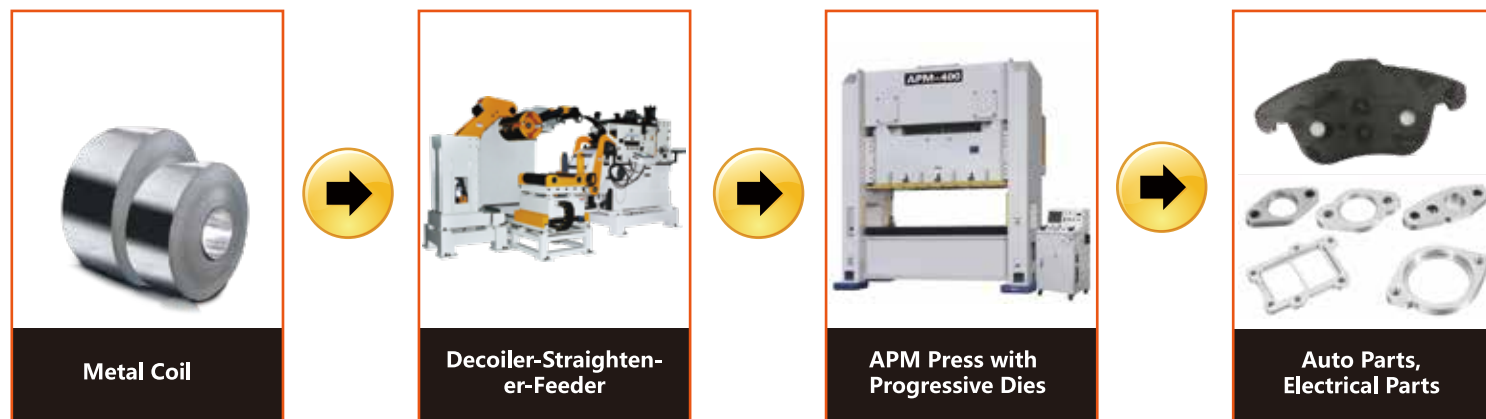
Stacker , Destacker and Conveyor



FEATURES

- ▶ Continuous material feeding process can improve production efficiency greatly.
- ▶ double station stacker and conveyor can stack plates automatic for various stamping applications.

► Coil Handling Solutions



► Customer Projects



Africa
Vehicle registration plate stamping line



Europe
Automotive parts pressing line



Asia
Metal button punching line

