



Shenzhen Fanty Machinery Equipment Co., Ltd

Coil Handling Equipment

Press Feeding Line

Decoiler

Straightener

Feeder

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Servo Feeder Straightener With Decoiler 3 in 1 (0.3~3.2mm)



Models	DSF1-300	DSF1-400	DSF1-500	DSFC1-600	DSF1-800
Material Width (mm)	50-300	50-400	50-500	50-600	50-800
Material Thickness Range (mm)	0.2-3.0				
Max. Coil Weight (kg)	2000	2000	3000	3000	5000
Main Motor (KW)	AC2.0	AC2.0	AC2.2	AC2.2	AC4.4
Uncoiler Motor (KW)	0.75	0.75	1.5	1.5	3.7
Coil O.D.	Ø 460-530 mm				
Coil I.D.	Ø 1200 mm				
Line Speed	16-24 m/min				
Material Type	Cold rolled steel, hot rolled steel, aluminum, etc.				
Straightening Roller	Upper 4pcs / Down 3pcs				
Pressing Arm	Optional				
Loading Car	Optional				
Mandrel Expansion	Hydraulic				
Operating Air	0.49 Mpa				

Servo Feeder Straightener With Decoiler 3 in 1 (0.5mm-4.5mm)



Models	DSF3-400	DSF3-600	DSF3-800	DSF3-1000
MAterial Width (mm)	50~600	50~600	50~800	50~1000
Tichness (mm)	0.3~4.5	0.3~4.5	0.3~4.5	0.3~4.5
Coil Weight (kg)	5000	5000	5000-7000	7000
Coil O.D. (mm)	1400	1400	1400	1400
Coil I.D. (mm)	508	508	508	508
Max. feed Length (mm)	~500*	~500*	~500*	~500*
Line Speed (m/min)	16~24	16~24	16~24	16~24
Working Rolls (pcs)	TOP 4/ DOWN 3	TOP 4/ DOWN 3	TOP 4/ DOWN 3	TOP 4/ DOWN 3
Feeding Rolls (group)	1	1	1	1
Main Motor (kw)	AC4.4	AC4.4	AC5.5	AC7.5
Expansion	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
Reel Motor (kw)	2.2	2.2	3.7	3.7
Power (V)	3PHASE 220V/380V/50HZ			
Opreating Air (Mpa)	0.49	0.49	0.49	0.49

Servo Feeder Straightener With Decoiler 3 in 1 (0.6~6.0mm)



Models	DSF4-400	DSF4-600	DSF4-800	DSF4-1000	DSF4-1300
Coil Width (mm)	70-400	70-600	70-800	70-1000	70-1300
Material Thickness Range (mm)	0.6-6.0	0.6-6.0	0.6-6.0	0.6-6.0	0.6-6.0
Max. Loading Weight (kg)	5000	5000	7000	7000	7000
Coil O.D. (mm)	1400	1400	1400	1400	1400
Coil I.D. (mm)	508	508	508	508	508
Max. Feed Length (mm)	500	500	500	500	500
Leveling Speed (m/min)	16-24	16-24	16-4	16-24	16-24
Working rollers (pcs)	Upper 4 Lower 3				
Feeding rollers (group)	1	1	1	1	1
Main Motor (KW)	AC5.5	AC7.5	AC7.5	AC11	AC11
Mandrel Expansion	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Un-winder Motor (KW)	2.2	2.2	3.7	3.7	3.7
Operating Air (Mpa)	0.49	0.49	0.49	0.49	0.49

Decoiler Cum Straightener 2 in 1 (0.3-3.2mm)



Models	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	0.3-3.2	0.3-3.2	0.3-3.2	0.3-3.2
Coil O.D.(mm)	Ø 460-530				
Coil I.D.(mm)	Ø 1200				
Max. load(kg)	800	1000	1500	2000	2000
Pinch Rolls (qty)	Inlet 2pcs / Outlet 2pcs				
Straightener Rolls (qty)	Top 3pcs / Down 4pcs				
Mandrel Expansion	Manual				
Line Speed (m/min)	16				
Adjustment	Worm and gear fine tuning				
Loop Control	Touch Sensor				

Decoiler Straightener Machine 2 in 1 (0.5-4.5mm)



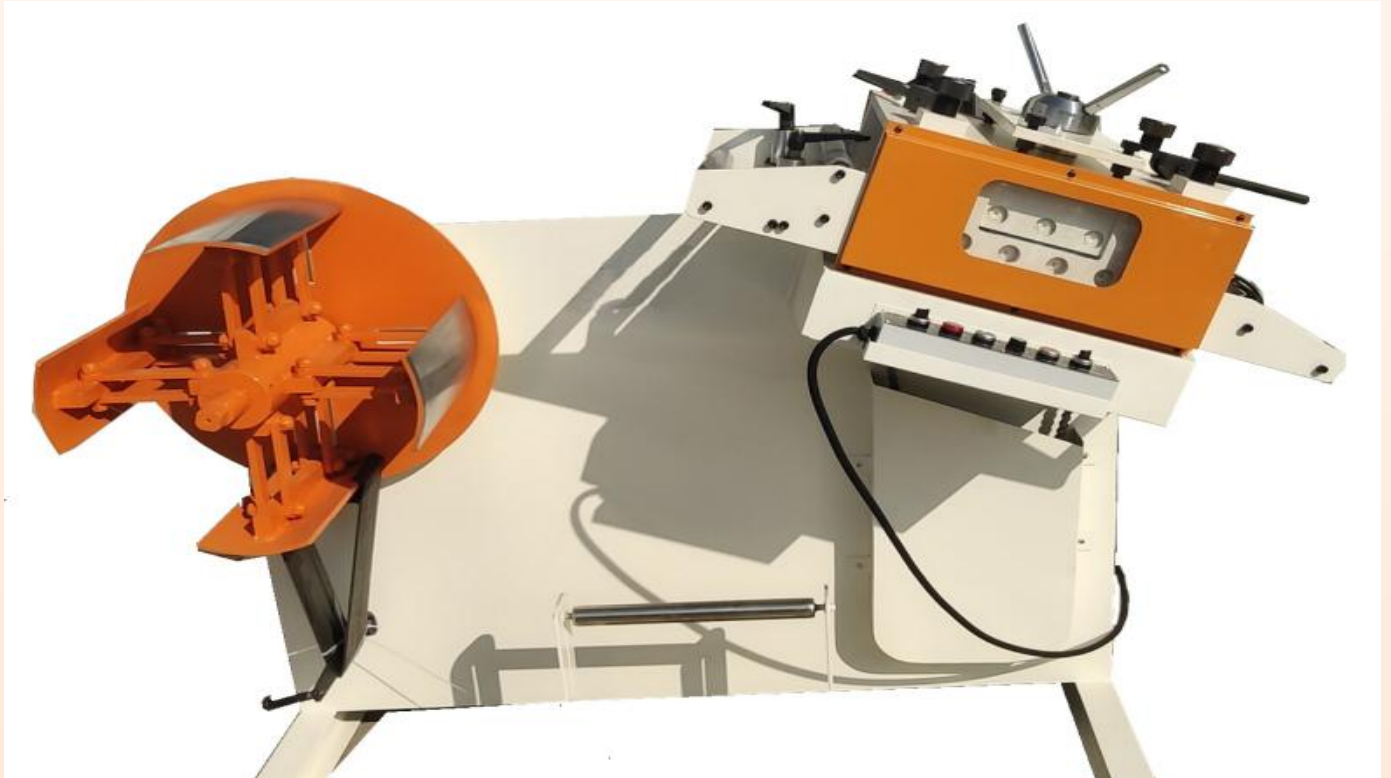
Models		GL-300H	GL-400H	GL-500H	GL-600H	GL-800H
Material Parameters	Material Max. Width (mm)	300	400	500	600	800
	Material Thickness Range (mm)	0.5-4.5				
	Material Weight	2000	2000	3000	3000	5000
	Coil O.D.	Ø 460-530 mm				
	Coil I.D.	Ø 1200 mm				
	Straightening Speed	16 m/min				
	Material Type	Cold rolled steel, hot rolled steel, aluminum, etc.				
Main Machine	Pinch Roller	2 Inlet 2pcs / Outlet 2pcs				
	Flattening Roller	Upper 4pcs / Down 3pcs				
	Pressing Arm	Optional				
	Loading Car	Optional				
	Mandrel Expansion	Manual or Hydraulic				

High Precision Decoiler Straightener Machine 2 in 1



Models	GO-200B	GO-300B	GO-400B	GO-500B	GO-600B
Width of Material (mm)	200	300	400	500	600
Thickness of Material (mm)	0.2-1.5	0.2-1.5	0.2-1.5	0.2-1.5	0.2-1.5
Coil O.D.(mm)	ø 390-520				
Coil I.D.(mm)	ø 1000	ø 1200	ø 1200	ø 1200	ø 1200
Max. load(kg)	500	1000	1500	1500	2000
Back Up Rolls	N/A		Provide		
Pinch Rolls (qty)	Upper 1 Down 1, All with driven function				
Straightener Rolls (qty)	Upper 8 Down 9, All with driven function				
Mandrel Expansion	Manual				
Line Speed (m/min)	22				
Adjustment	4 points fine micro adjustment				
Loop Control	Touch Sensor				

Decoiler Cum Straightener 2 in 1



Models	GO-200	GO-300	GO-400	GO-500	GO-600
Width of Material (mm)	200	300	400	500	600
Thickness of Material (mm)	0.4-2.2	0.4-2.2	0.4-2.2	0.4-2.2	0.4-2.2
Coil O.D.(mm)	ø 460-530				
Coil I.D.(mm)	ø 1200				
Max. load(kg)	800	1000	1500	2000	2000
Pinch Rolls (qty)	Inlet 2pcs / Outlet 2pcs				
Straightener Rolls (qty)	Top 3pcs / Down 4pcs				
Mandrel Expansion	Manual				
Line Speed (m/min)	16				

1. Straightening adjust: One point control adjustment instead of four points fine tuning.
2. Put electric control cabinet into machine to save space and keep workshop nice look.

High Speed Roll Feeder Machine



Models	RF-105NS	RF-205NS	RF-305NS	RF-405NS	RF-138NS
Coil Width (mm)	100	200	300	400	130
Coil Thickness (mm)	0-1.6	0-1.6	0-1.6	0-1.6	0-1.6
Max. Feeding Length (mm)	50	50	50	50	80
Mould Line Height (mm)	55-100	55-100	55-100	55-100	60-120
Release Way	Mechanical				

Mechanical NC Servo Feeder



Models	JNC-100	JNC-200	JNC-200	JNC-300	JNC400
Width of material (mm)	0-100	0-200	0-200	0-300	0-400
Thickness of material (mm)	0.1-1.6	0.1-1.6	0.3-3.0		
Motor/PLC	Mitsubishi				
Feed pitch accuracy(mm)	±0.03mm				
Max. line speed (m/min)	16				
Way to relax	Mechanical				

High Precision Servo Feeder Machine (0.2-3.2mm)



Models	NCF-200	NCF-300	NCF-400	NCF-500	NCF-600
Max. width of material (mm)	200	300	400	500	600
Thickness of material (mm)	0.2-3.2	0.2-3.2	0.2-3.2	0.2-3.2	0.2-3.2
Feed speed (m/min)	16	16	16	16	16
Motor/PLC	Mitsubishi				
Feed pitch accuracy	±0.03mm				
Releasing way	Pneumatic				

High Precision Servo Feeder Machine (0.5-4.5mm)



Model	NCF-200B	NCF-300B	NCF-400B	NCF-500B	NCF-600B
Max. width of material (mm)	200	300	400	500	600
Thickness of material (mm)	0.5-4.5	0.5-4.5	0.5-4.5	0.5-4.5	0.5-4.5
Feed speed (m/min)	16	16	16	16	16
Motor/PLC	Mitsubishi				
Fed pitch accuracy	±0.03mm				
Releasing way	Pneumatic				

High Precision Servo Feeder Machine (0.6-6.0mm)



Models	NCF-200H	NCF-300H	NCF-400H	NCF-500H	NCF-600H
Max. width of material (mm)	200	300	400	500	600
Thickness of material (mm)	0.6-6.0	0.6-6.0	0.6-6.0	0.6-6.0	0.6-6.0
Feed speed (m/min)	16	16	16	16	16
Motor/PLC	Mistubishi				
Feed pitch accuracy	±0.03mm				
Releasing way	Pneumatic				

NC Zigzag Servo Feeder



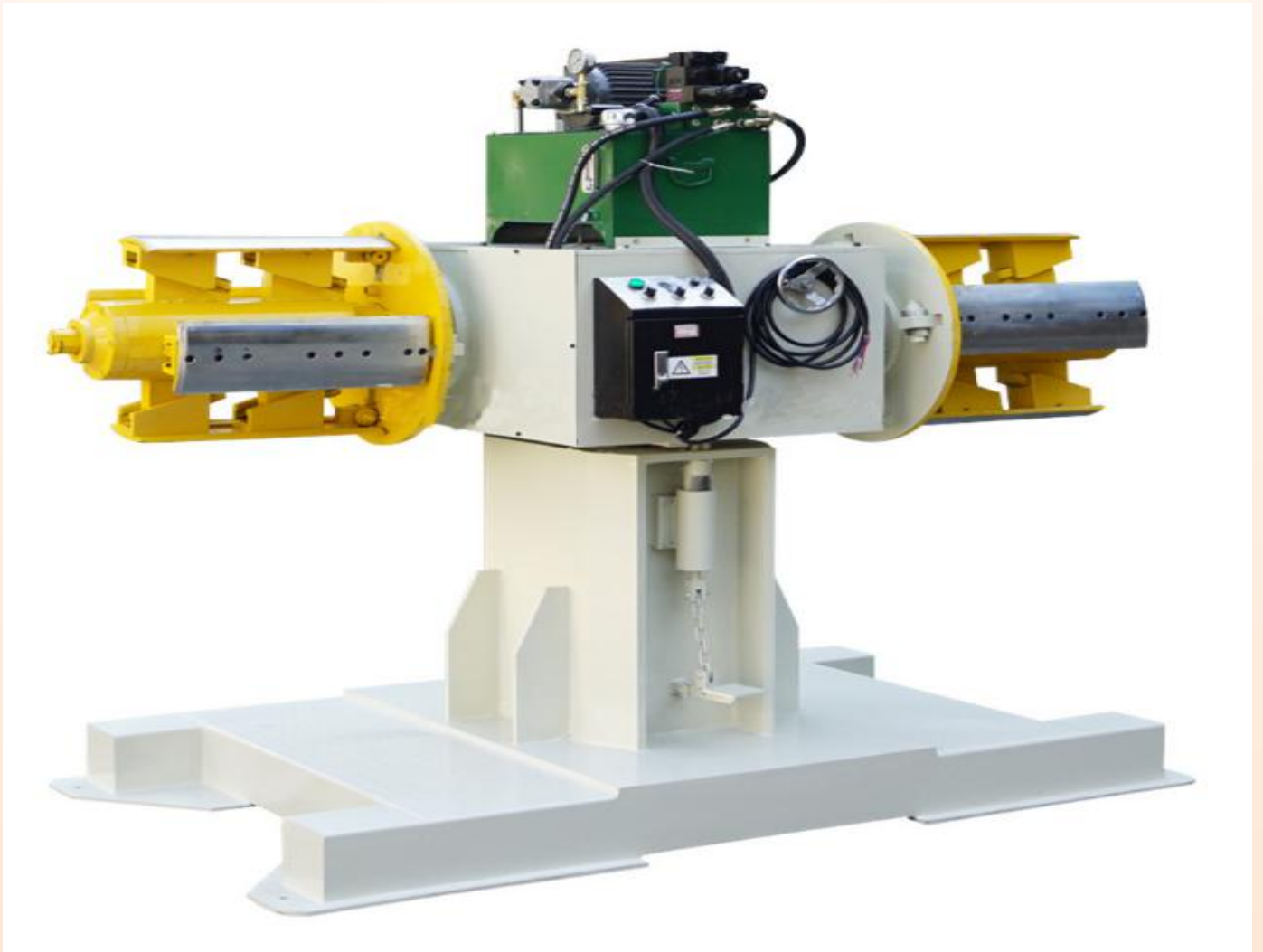
Models	NCP-200	NCP-300	NCP-400	NCP-500	NCP-600	NCP-800
Coil Width	200mm	300mm	400mm	500mm	600mm	800mm
Coil Thickness	0.2-2.0 mm					
Release	Pneumatic Type Releasing System					
Roll Pressure	Spring Type					
Feed Roll	Upper Roll 1pc, Bottom Roll 1pc					
Feed Length	Max. 9999.99 mm					
Speed	Feeding Speed Max. 20 m/min, Zigzag Movement Speed Max. 30m/min					
Left Center Displacement	100mm	150mm	200mm	250mm	300mm	400mm
Servo Motor	Yaskawa, Japan					
Servo Drive	Yaskawa, Japan					
PLC	Mitsubishi, Japan					
Touch Screen	Weinview, Taiwan					

Decoiler Machine



Models	MT-200	MT-300	MT-400	MT-500	MT-600
Thickness (mm)	0.35-1.6	0.35-1.6	0.35-1.6	0.35-1.6	0.35-1.6
Max. width (mm)	200	300	400	500	600
Max. weight (kg)	500	800	1000	1500	2000
Coil inner diameter (mm)	Ø450-530				
Coil outer diameter (mm)	Ø1200				
Mandrel Expansion	Manual Expansion				

Double Head Decoiler



Models	DBMT-200	DBMT-300	DBMT-400
Material thickness (mm)	0.35-1.6	0.35-1.6	0.35-1.6
Max. Coil width (mm)	200	300	400
Max. rack support (kg)	1000*2	1500*2	2000*2
Coil inner diameter (mm)	Ø450-530	Ø450-530	Ø450-530
Coil outer diameter (mm)	Ø1200	Ø1200	Ø1200

Electronic Flat Uncoiler Machine



Models	FU-500	FU-1000	FU-2000
Material thickness (mm)	1.0	1.0	1.2
Max. Coil width (mm)	100	120	150
Max. rack support (kg)	500	1000	1500
Coil outer diameter (mm)	Ø800	Ø800	Ø1000
Feeding speed (m/min)	0-24	0-24	0-24

Straightener Machine



Model	TL-200	TL-300	TL-400	TL-500	TL-600
Coil width	200mm	300mm	400mm	500mm	600mm
Steel plate thickness	0.4-2.2mm				
Feed speed	16m/min				
Pinch and feed roller	Pinch roller: $\varnothing 60\text{mm} \times 2\text{pcs}$ Feed roller: $\varnothing 80\text{mm} \times 2\text{pcs}$			Pinch roller: $\varnothing 70\text{mm} \times 2\text{pcs}$ Feed roller: $\varnothing 98\text{mm} \times 2\text{pcs}$	
Flattening roller	$\varnothing 50\text{mm} \times 7$			$\varnothing 60\text{mm} \times 7$	
Feeding direction	From left to right				
Flattening roller adjust method	Four points adjust separately				
Others	Other sizes also available, please contact us for more information				

High Precision Straightener Machine



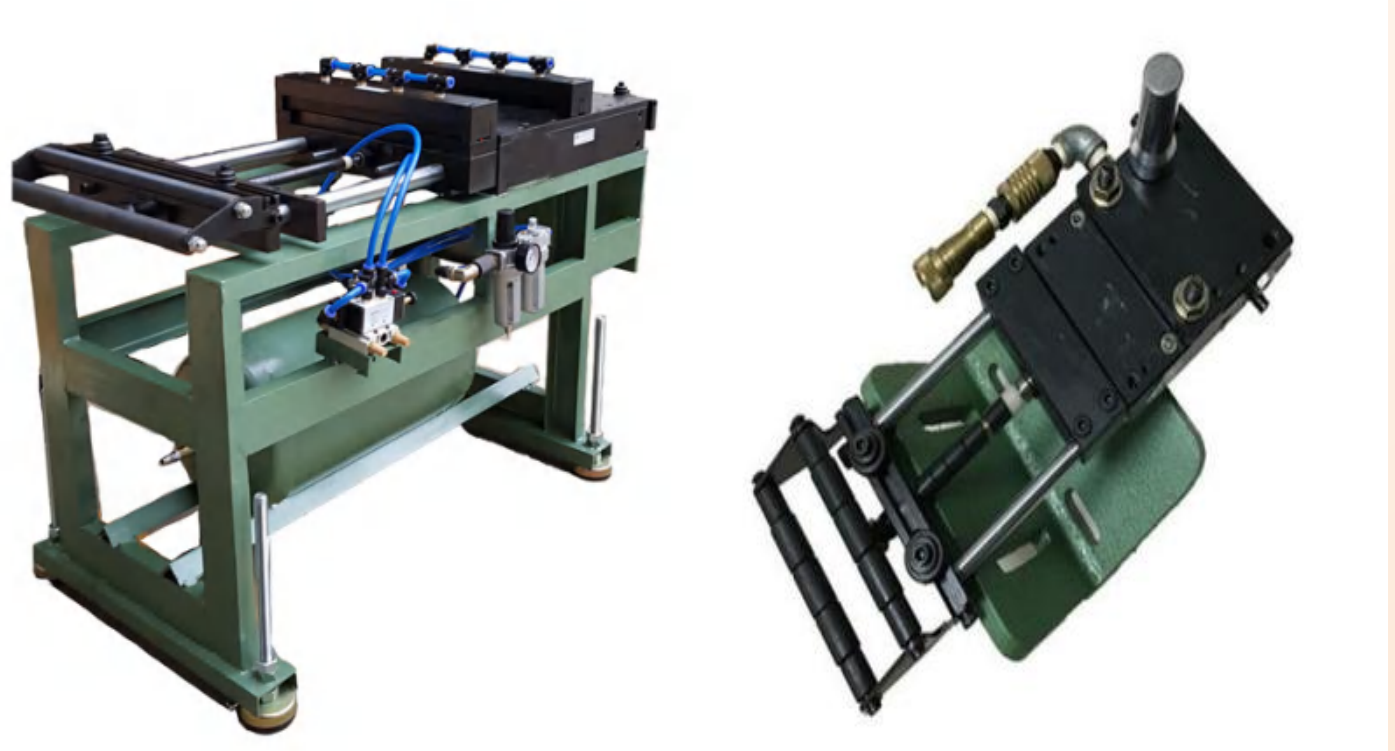
Model	SNL-200	SNL-300	SNL-400
Coil Width	200mm	300mm	400mm
Coil Thickness	0.1-0.6mm		
Leveling Rolls	Ø20mm * 19pcs		
Leveling Adjustment	4 points independent adjustment		
Speed	16 m/min		
Motor	1 HP	1 HP	2 HP

S Loop Straightener



Item	SLM-150	SLM-200	SLM-300	SLM-400
Max. Coil Width	150mm	200mm	300mm	400mm
Material Thickness	0.1-1.6mm			
Feed Speed	60m/min			

Air Feeder



Models	AF-1C	AF-2C	AF-3C	AF-4C	AF-5C	AF-6C	AF-7C	AF-8C	AF-10C	AF-11C
Max. width(mm)	50	65	80	100	150	200	250	300	400	450
Max. length(mm)	50	80	80	130	150	200	250	300	400	450
Thickness(mm)	0.5	0.8	1.2	1.5	2	2	2.5	2.5	3	3
Air pressure(kg/cm ²)	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max. feeding speed S.P.M(MC/min)	250	200	180	130	100	70	50	45	30	25
Fixed clamp friction(kg)	10	27	40	55	78	78	90	100	119	119
Moving clamp friction(kg)	30	49	65.5	72.5	144.5	169	200	217	245	245
Tension force(kg)	14	16.5	19.5	25.5	41	41	67	74	85	85
Air consumption(L/mm)	26.5	38.5	47	58.6	100.5	108.5	152	162.5	182.5	170.5

High Precision Press Machine

25T-45T



Model	APA-15T	APA-25T			APA-35T		APA-45T	
Type	V	V	H	S	V	H	V	H
Capacity	15 tons	25 tons			35 tons		45 tons	
Stroke	60 mm	70 mm	30 mm	80 mm	70 mm	40 mm	80 mm	50 mm
S.P.M. (Variable)	120-180	60-140	130-200	60-120	40-120	110-180	40-100	110-150
S.P.M. (Fixed)	130	110		110	85		75	75
Tonnage Rating Point	1 mm	3.2 mm	1.6 mm	3.2 mm	3.2 mm	1.6 mm	3.2 mm	1.6 mm
Die Height	200 mm	195 mm	215 mm	195 mm	220 mm	235 mm	250 mm	265 mm
Slide Adjust	50 mm				55 mm		60 mm	
Slide Area	300 * 230 * 50 mm				360 * 250 * 50 mm		400 * 300 * 60 mm	
Bolster Area	680 * 300 * 70 mm				800 * 400 * 70 mm		850 * 440 * 80 mm	
Shank Hole	Ø38.1 mm							
Main Motor	2.2 * 6 (kw.p)		VS3.7 * 4 (kw.p)			VS5.5 * 4 (kw.p)		
Air Pressure	6 kg/cm ³							
Press Dimension	1236 * 820 * 1920 mm	1280 * 850 * 2200 mm			1380 * 900 * 2400 mm		1600 * 950 * 2500 mm	
Weight	1.8 T	2.1 T			3 T		3.8 T	
Die Cushion Capacity	N/A			2.3 T				
Die Cushion Stroke	N/A			50 mm				
Die Cushion Area	N/A			300 * 230 mm				

High Precision Press Machine 60T-160T



Model	APA-60T		APA-80T		APA-110T		APA-160T	
Type	V	H	V	H	V	H	V	H
Capacity	60 tons		80 tons		110 tons		160 tons	
Stroke	120 mm	60 mm	150 mm	70 mm	180 mm	80 mm	200 mm	90 mm
S.P.M. (Variable)	35-90	80-120	35-80	80-120	30-60	60-90	20-50	40-70
S.P.M. (Fixed)	65		50		35			
Tonnage Rating Point	4 mm	2 mm	4 mm	2 mm	6 mm	3 mm	6 mm	3 mm
Die Height	310 mm	340 mm	340 mm	380 mm	360 mm	410 mm	460 mm	510 mm
Slide Adjust	75 mm		80 mm		80 mm		100 mm	
Slide Area	500 * 360 * 70 mm		560 * 420 * 70 mm		650 * 470 * 80 mm		700 * 550 * 90 mm	
Bolster Area	900 * 500 * 80 mm		1000 * 550 * 90 mm		1150 * 600 * 110 mm		1250 * 800 * 140 mm	
Shank Hole	Φ50 mm						Φ65 mm	
Main Motor	VS5.5 * 4 (kw.p)		VS7.5 * 4 (kw.p)		VS11 * 4 (kw.p)		VS15 * 4 (kw.p)	
Air Pressure	6 kg/cm ³							
Dimension	1600 * 1000 * 2800 mm		1800 * 1180 * 2800 mm		1900 * 1300 * 3200 mm		2300 * 1400 * 3800 mm	
Weight	5.6 T		6.5 T		9.6 T		16 T	
Die Cushion Capacity	3.6 T		3.6 T		6.3 T		10 T	
Die Cushion Stroke	70 mm		70 mm		80 mm		80 mm	
Die Cushion Area	350 * 300 mm		450 * 310 mm		500 * 350 mm		650 * 420 mm	

High Speed Press Machine

25T-45T



Model	HC-25T			HC-45T		
Capacity	25 tons			45 tons		
Stroke Length	20 mm	25 mm	30 mm	25 mm	30 mm	40 mm
Stroke per Min	200-1000	200-900	200-800	200-800	200-700	200-600
Die Height	185-215	183-213	180-210	213-243	210-240	205-235
Bolster Area	600 * 300 * 80 mm			680 * 420 * 90 mm		
Slide Area	330 * 225 mm			420 * 320 mm		
Blanking Hole	100 * 300(400) mm			100 * 400(500) mm		
Motor	5 HP			7.5 HP		
Gross Weight	2919 kgs			5080 kgs		
Loop System	Forceful Automation					
Speed Control	Inverter					
Clutch & Brake	Air & Friction					
Vibration System	Mounting or pneumatic mounting for optional					

High Speed Press Machine

65T-85T



Model	HC-65T			HC-85T		
Capacity	65 tons			85 tons		
Stroke Length	30 mm	40 mm	50 mm	40 mm	50 mm	60 mm
Stroke per Min	200-700	200-600	200-500	200-400	200-300	200-300
Die Height	206-256	200-250	196-246	310-360	305-355	300-350
Bolster Area	890 * 520 * 130 mm			1000 * 600 * 140 mm		
Slide Area	540 * 340 mm			700 * 450 mm		
Blanking Hole	120 * 460(660) mm			170 * 460(700) mm		
Motor	15 HP			30 HP		
Gross Weight	8016 kgs			14500 kgs		
Loop System	Forceful Automation					
Speed Control	Inverter					
Clutch & Brake	Air & Friction					
Vibration System	Mounting or pneumatic mounting for optional					

H Type High Speed Gantry Press



Norminal Press Capacity (ton)	45	65ton	85
Capacity Occur Point (mm)	1.6	2.0	2.0
Stroke (mm)	30	30	30
Stroke Per mimute (mm)	150-700	150-700	150-700
Bolster Area (mm)	750*550	950*650	1100*750
Bed Opening (mm)	550*125	700*125	800*150
Slide Area (mm)	750*380	950*420	1100*500
Die Height Adjustment Stroke (mm)	240-290	300-350	330-380
Die Height Adjustment Motor (mm)	0.4	0.4	0.75
Linear Height (mm)	135±15	160±15	175±15
Main Motor (mm)	15	19	22
Total Weight (mm)	9.5 ton	12.5	18