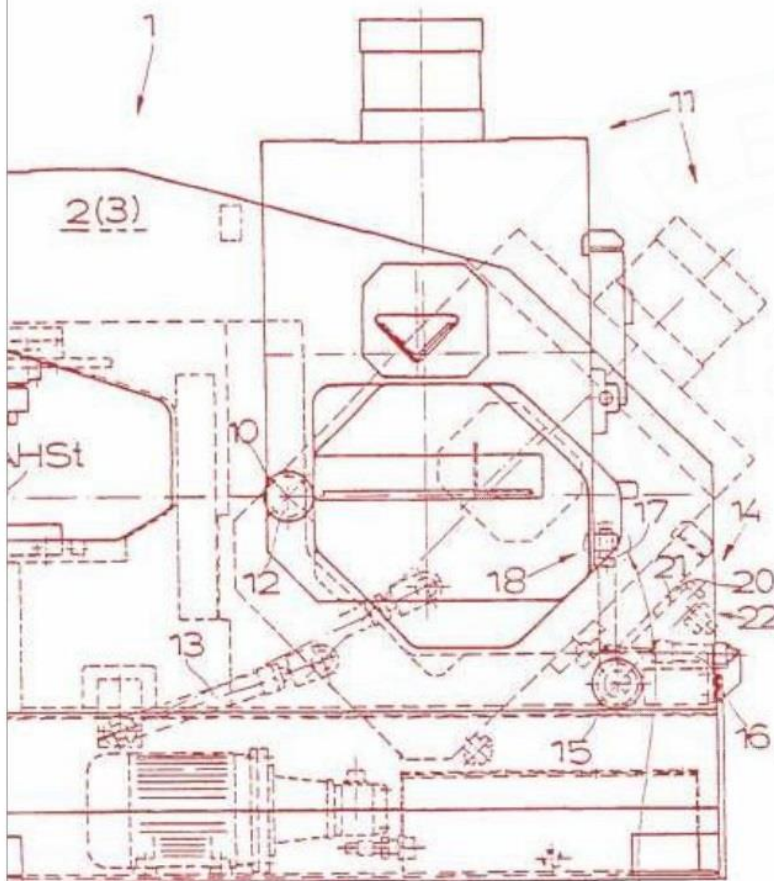


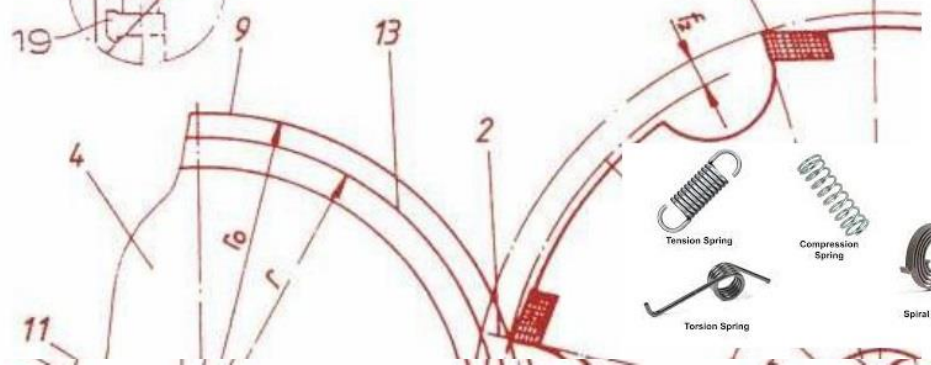


# SHUBHAMPRESS AUTOMATION PVT. LTD.

Complete Solution of Coil Handling and Feeding Equipments and Springs



- Decoiler
- Straightener
- Pneumatic Air Feeder
- MTC-Series with Coil Loading Car
- NC Servo Roll Feeder
- Zig Zag NC Servo Roll Feeders
- Mechanical Gripper Feeders
- High Speed Gear Change Feeder
- Coil Handling Hydraulics Lifter Machine
- Cut To Length Line
- Slitting Line
- High Speed Press
- Stamping Die
- All Type Springs Manufacturer



## COMPANY PROFILE

We are counted as well trusted name in the industry offering quality centralized products. Working under the farsighted guidance of **Mr. Ram Singh** we are scaling new heights of success in the market. Shubhampress have been dedicatedly involved in the manufacturing and supplying world class mechanical and hydraulic associated handling and industrial equipments, with your constant support and trust in our valued products & services we have gained and retained your confidence in us and hope further for better and longer mutually beneficial association with you. With our continuous efforts in developing and upgrading our products/equipments we have successfully developed a wide range of clientele.

### CORE TEAM

We are backed with a team of assiduous and industrious professionals that helps us in accomplishing our business objectives in a correct manner. Moreover, we have a special team for every division of our organization who manage their work properly and in an efficient manner.

Proving to be worthy in comparison to the other kinds of conventional type equipment range, our offered range of Coil Handling Equipments has been widely appreciated. The offered range of these product has been made from the best quality material ensuring the longevity of these.

### QUALITY CONTROL

The essence of quality is closely wrapped in the way we think, plan and work. It finds its true expression when we extend beyond ourselves to exceed our customer's expectations. To deliver products those are safer, faster and simply better. Each and every time. Building customer confidence through teamwork is a top priority to provide a wide variety of products and services. Realising and respecting the basic needs of customers to feel more secure, we've committed ourselves to make our products better, safer and smarter than what the customer is looking for.

### OUR BELIEF

We adhere and believe in:

- Customer satisfaction
- Quality of product
- Integrity when working with our Customer

### OUR INFRASTRUCTURE

We have a huge Infrastructural facility, spread over a vast area. Also, we have segregated it into several units for efficient handling of product development, storage, quality checking and final dispatch.

### MANUFACTURING PROCESS TOUR

We at Shubhampress, practice stringent quality control system to ensure flawless product range. Also, our whole manufacturing process is designed such as that only quality products are manufactured. Further, all the products are dully checked before handling them to clients. We ensure prompt delivery of our products to our valuable clients.

### TRAINING AND ORIENTATION OF EMPLOYEES

Competent and skilled employees are pillars of a successful organization. We have advanced training and orientation programme for our employees for effectively integrating new employees with organization and turning them into contributing members of the work team.

Mr. Ram Singh (MD) - Mob: 8750402229, 8750402228

**M/S SHUBHAMPRESS AUTOMATION PVT. LTD.**

In Noida, completed range of feeders – all models and sizes  
An ISO 9001:2015 Certified Company

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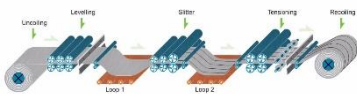
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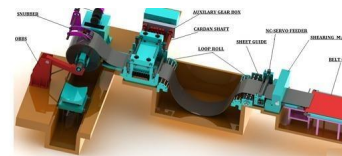
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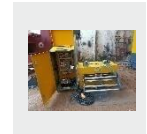


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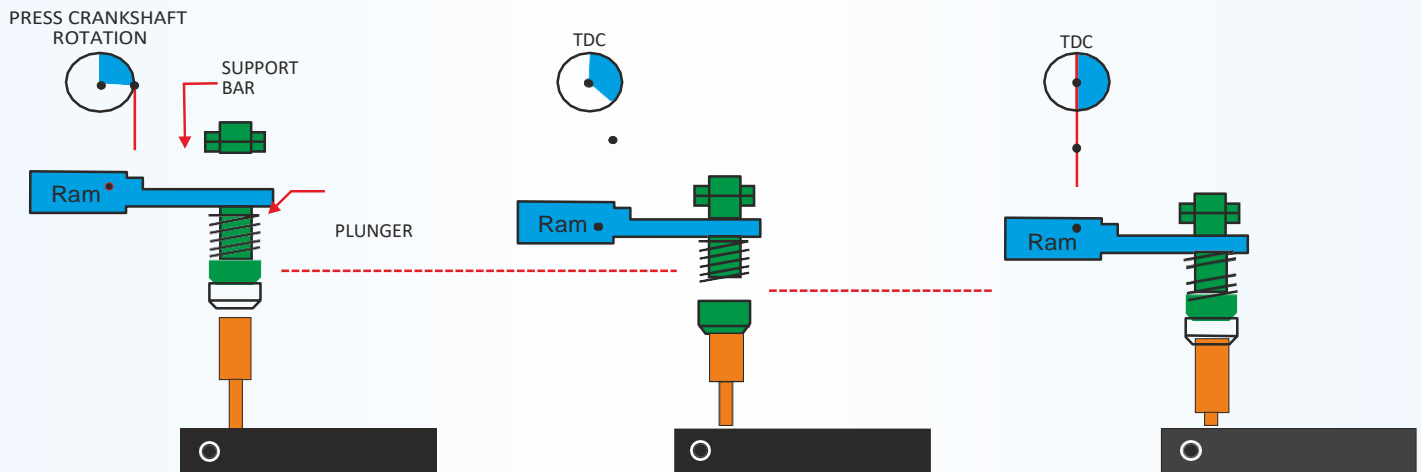


# PNEUMATIC AIR FEEDER

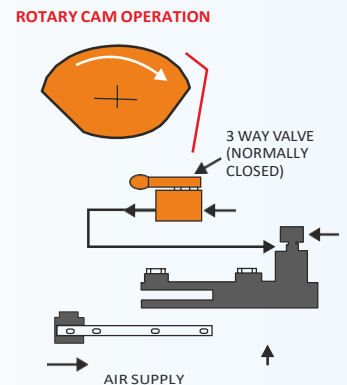
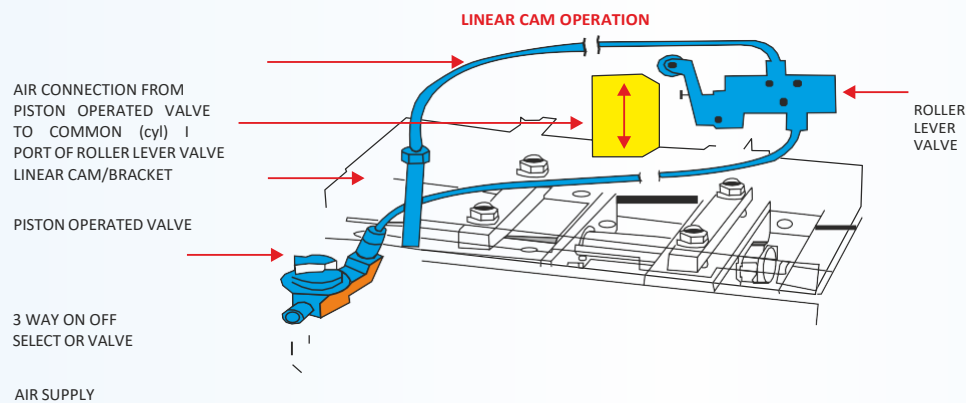
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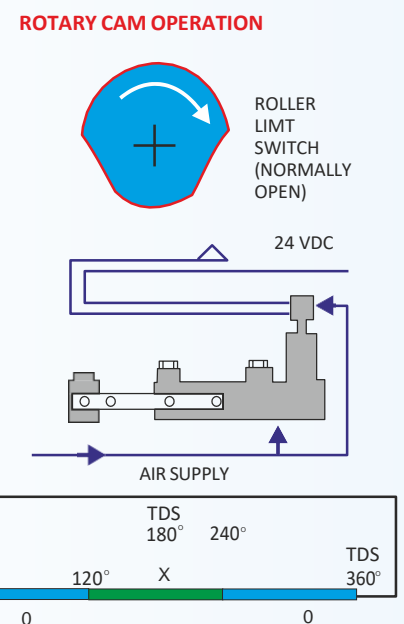
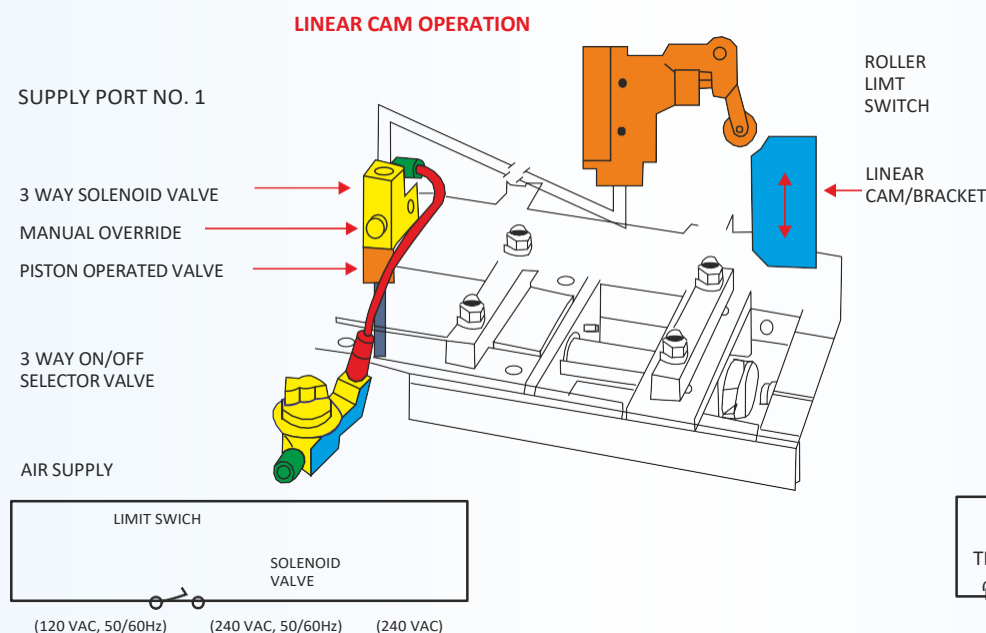
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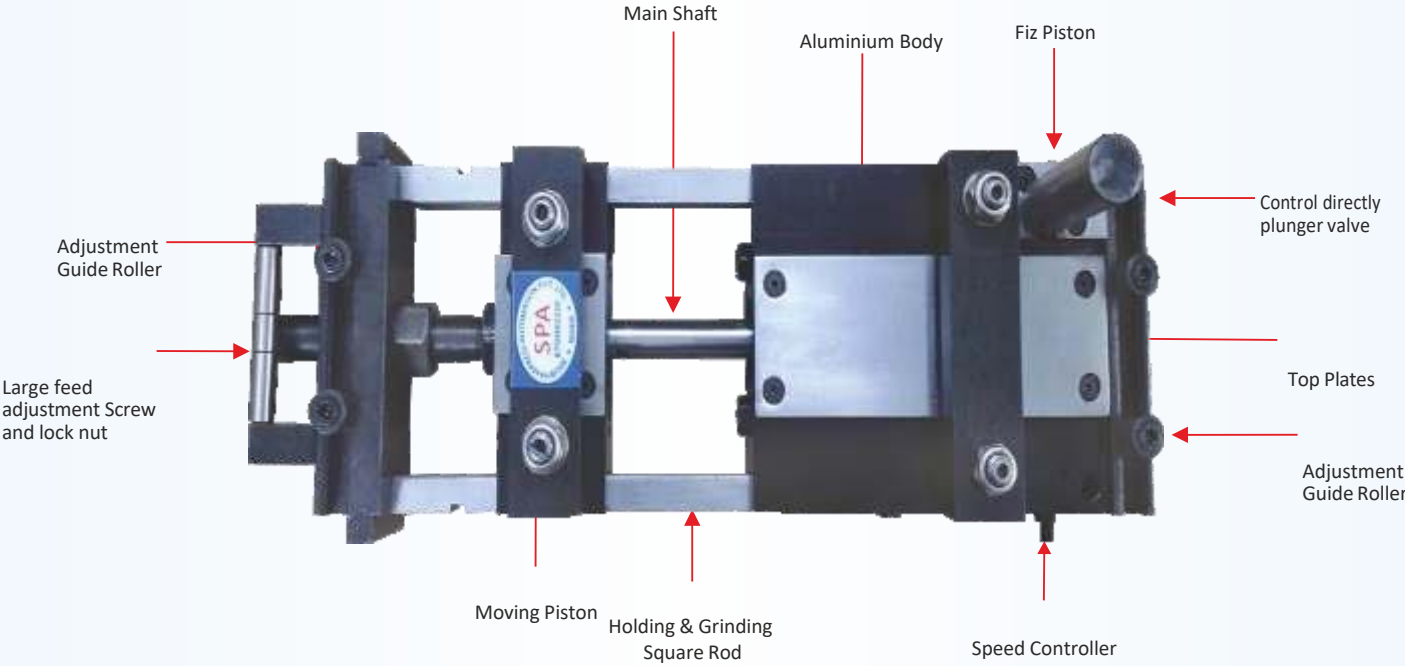
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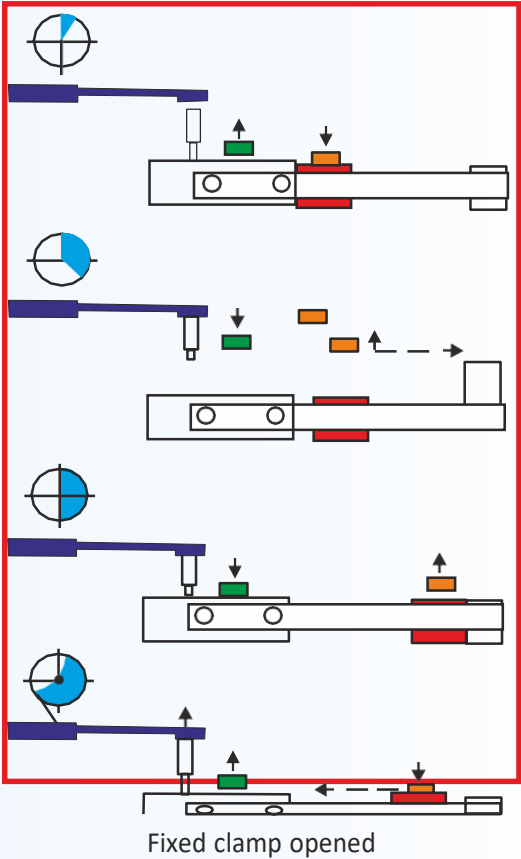


# PNEUMATIC AIR FEEDER



Press feeder to meet new competitive challenge in Speed/ Accuracy/ Reliability/ Longer life with an intense market research & practical experience in metal stamping based on regular market interaction. We have brought a range of Pneumatic feeders to suit your exact requirement and application. Technically advance design. Selection of finest material, combined with strict quality control manufacturing has resulted in most reliable air feeds for tough Indian conditions.

## PRESS AT TDS (TOP DEAD CENTER)



Press Stroke	Clearance between plunger	
	Medium	Heavy
(MM)		
0-6	0-5	-
7-10	1-3	1-3
11-15	1-3	1-3
15-20	1-3	1-3
21-25	1-3	1-3
26-30	1-3	1-3
31-38	1-3	1-3
39-50	11-14	1-3
51-60	21-24	8-11
61-70	31-34	18-21
71-80	41-44	28-31
81-90	51-54	38-41
91-100	61-64	84-51

Feed clamp closed



# PNEUMATIC AIR FEEDER

## Medium duty series

The medium duty feeders work at the air pressure and are suitable for maximum material thickness of 1mm (in case of material like brass, copper etc.) and suitable for maximum thickness upto 2 mm in case of aluminum and paper.



## How to select a feeder

Max Min Thickness of your strip. mm

Max Strokes per minute of press.....

Max. Width of your strip in coil form mm

Max. Stroke Length of your feeding. mm

## Custom made feeders of special size as per customer specification

Single Pulling I

Double Pulling II

Triple Pulling III

Four Pulling IIII

Push Pull type feeders

Thin Strip type feeders

Type	Strip Width	Stroke	Stripe Thickness	MAX
	MAX. mm.	MAX. mm.	MAX. mm.	STROKE/ MIN
Spa(50x50) M.S.P	50	50	1.0	125
Spa(50x100) M.S.P	50	100	1.0	125
Spa(50x150) M.S.P	50	150	1.0	125
Spa(50x200) M.S.P	50	200	1.0	120
Spa(50x250) M.S.P	50	250	1.0	120
Spa(100x50) M.S.P	100	50	1.0	125
Spa(100x100) M.S.P	100	100	1.0	125
Spa(100x150) M.S.P	100	150	1.0	125
Spa(100x200) M.S.P	100	200	1.0	120
Spa(100x250) M.S.P	100	250	1.0	100
Spa(150x200) M.S.P	150	200	1.0	100
Spa(150x250) M.S.P	150	250	1.0	100

Type	Strip Width	Stroke	Stripe Thickness	MAX
	MAX. mm.	MAX. mm.	MAX. mm.	STROKE/ MIN
Spa(150x50) M.S.P	150	50	1.0	125
Spa(150x100) M.S.P	150	100	1.0	125
Spa(150x150) M.S.P	150	150	1.0	125
Spa(200x200) M.D.P	200	200	1.0	100
Spa(200x250) M.D.P	200	250	1.0	100
Spa(200x50) M.D.P	200	50	1.0	125
Spa(300x100) M.D.P	300	100	1.0	125
Spa(300x150) M.D.P	300	150	1.0	125
Spa(300x200) M.D.P	300	200	1.0	100
Spa(300x250) M.D.P	300	250	1.0	100

# PNEUMATIC AIR FEEDER

## Heavy Duty Series

Custom made feeders of special size as per customer's specification

- Single pulling I
- Double pulling II
- Triple pulling III
- Four pulling IIII
- Thin Strip type feeders
- Push pull type feeders



Type	Strip Width	Stroke	Stripe Thickness	MAX
	MAX. mm.	MAX. mm.	MAX. mm.	STROKE/ MIN
Spa(150x100) H.S.P	150	100	2.0	125
Spa(150x200) H.S.P	150	200	2.0	100
Spa(150x300) H.S.P	150	300	2.0	75
Spa(200x100) H.S.P	200	100	2.0	125
Spa(200x200) H.S.P	200	200	2.0	100
Spa(200x300) H.D.P	200	300	5.0	75
Spa(300x100) H.D.P	300	100	5.0	125
Spa(300x200) H.D.P	300	200	5.0	100
Spa(300x300) H.D.P	300	300	5.0	75
Spa(400x100) H.D.P	450	100	5.0	125
Spa(450x200) H.D.P	450	200	5.0	100
Spa(450x300) H.D.P	450	300	5.0	75
Spa(450x400) H.D.P	450	400	5.0	75

Type	Strip Width	Stroke	Stripe Thickness	MAX
	MAX. mm.	MAX. mm.	MAX. mm.	STROKE/ MIN
Spa(600x100) H.D.P	600	100	5.0	125
Spa(600x200) H.D.P	600	200	5.0	100
Spa(600x300) H.D.P	600	300	5.0	75
Spa(600x400) H.D.P	600	400	5.0	75
Spa(450x100) H.D.P	450	100	5.0	125
Spa(450x200) H.D.P	450	200	5.0	100
Spa(450x300) H.D.P	450	300	5.0	75
Spa(450x400) H.D.P	450	400	5.0	75
Spa(600x100) H.D.P	600	100	5.0	125
Spa(600x200) H.D.P	600	200	5.0	100
Spa(600x300) H.D.P	600	300	5.0	75
Spa(600x400) H.D.P	600	400	5.0	75

## DE-COILER

### Features

- All units are available in non motorized version with drag brake.
- Electro Magnetic / Pneumatic Brakes.
- Coil hold-down (hydraulic / pneumatics) for springy materials.
- Hydraulic Jaws Expansion.
- De-coilers with Shafting & Key to load bobbin.
- Limit arm through limit Switches/Photo sensors.
- Other Special features on need basis.



Type (SPA-MDME)	200	300	400	500	600	700	800	1000	1300	1600
Material Width	200	300	400	500	600	700	800	1000	1300	1600
Material Thickness	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Material I.D.	450-550	450-550	450-550	450-550	450-550	450-550	450-550	450-550	450-550	450-550
Material O.D.	1200	1200	1500	1500	1500	1800	1800	1800	1800	1800
Material Weight	500Kgs	800Kgs	1200Kgs	1500Kgs	2000Kgs	3000Kgs	3000Kgs	5000Kgs	5000Kgs	5000Kgs
Speed of feed	15M/Min	15M/Min	15M/Min	15M/Min	15M/Min	15M/Min	15M/Min	15M/Min	15M/Min	15M/Min
Coil Expansion	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Motor (HP)	1	2	2	2	3	5	5	7.5	10	10

## BEVEL GEAR AND DOUBLE SIDE DE-COILER

### Features

- Line up with leveler, economy and practically
- Save production time by loading the next coil



DSD Model	Weight Capacity	Width (mm)	I.D. (mm)	O.D. (mm)
SPA-200N/M	500Kgs	200	450-550	1200
SPA-300N/M	1000Kgs	300	450-550	1500
SPA-400N/M	1500Kgs	400	450-550	1500
SPA-500N/M	2000Kgs	500	450-550	1500
SPA-600N/M	2500Kgs	600	450-550	1800
SPA-700N/M	4000Kgs	700	450-550	1800
SPA-800N/M	6000Kgs	800	550-650	2000
SPA-1000N/M	10000Kgs	1000	550-650	2000





# MOTORIZED DOUBLE SIDE DE-COILER

## Features

- Line-up with leveler economy and practically
- Save production time by loading the next coil



Model	Weight Capacity	Width (mm)	I.D. (mm)	O.D. (mm)
SPA-200N/M	500Kgs	200	450-550	1200
SPA-300N/M	700Kgs	300	450-550	1200
SPA-400N/M	1000Kgs	400	450-550	1500
SPA-500N/M	2000Kgs	500	450-550	1500
SPA-600N/M	3000Kgs	600	450-550	1800
SPA-700N/M	5000Kgs	700	550-650	1800
SPA-800N/M	7000Kgs	800	550-650	2000
SPA-1000N/M	10000Kgs	1000	550-650	2000

## MTC-SERIES

# HYDRAULIC DE-COILER WITH COIL CAR

## Features

- Manual or hydraulic expansion of the mandrel
- Hydraulic expansion of jaws
- Quick release narrow coil keepers

## Optional Features

- Traveling Coil cars and coil stations
- Coil Hold down arm
- Hold down arm with motorized end wheels



Type (SPA-MDHE)	Material Width (mm)	Material Thickness (mm)	Coil I.DIA (mm)	Coil O.DIA (mm)	Coil Weight (Ton)	Line Speed (m/min)	Motor (HP)	Coil Expansion
SPA-HMD-500	Up to 500	2	450-550	1200	3	18	3.0	Hydraulic
SPA-HMD-800	Up to 800	2.5	450-550	1500	5	18	7.5	Hydraulic
SPA-HMD-1000	Up to 1000	3	550-650	1500	10	18	10	Hydraulic
SPA-HMD-1500	Up to 1500	3	550-650	1800	15	18	15	Hydraulic
SPA-HMD-2000	Up to 2000	3	650-750	2000	25	18	25	Hydraulic

# MOTORISED STRAIGHTENERS

## SPA-BCL TYPE (Roller Diameter 60 mm)

For thickness upto 3.0mm, roller dia 60mm, single point adjustment, with or without VFD panels. All rolls are hardened, ground and chrome plated and all standard gear box and electrical motors used.



Model	SPA-BCL-200	SPA-BCL-300	SPA-BCL-400	SPA-BCL-500
Material Width (mm)	200	300	400	500
Material Thickness (mm)	0.2-3.0	0.2-3.0	0.2-2.0	0.2-2.0
Speed (m/min)	25	25	25	25
Straightener Diameter X Quantity	60XAll Driven 60XUp 7/ Down 6			
Pinch Roller Diameter X Quantity	60X2 UP X 2 Down x 2 Down			



## SPA-CLS TYPE (Roller Diameter 60mm)

For thickness upto 3.0mm, roller dia 60mm, single point adjustment, with or without VFD panels. All are hardened, ground and chrome plated and all standard gear box and electrical motors used.

Type	SPA-CLS 200	SPA-CLS 300	SPA-CLS 400	SPA-CLS 500	SPA-CLS 600	SPA-CLS 700	SPA-CLS 800
Max. Material Width (mm)	200	300	400	500	600	700	800
Material Thickness	0.5-3	0.5-3	0.5-3	0.5-3	0.5-3	0.5-3	0.5-3
Reducer	1/30	1/30	1/30	1/30	1/30	1/30	1/30
Pinching	OD60= 4 Number	OD60= 4 Number	OD60= 4 Number	OD60= 4 Number	OD60= 4 Number	OD60= 4 Number	OD60= 4 Number
Roller	OD60= 9 Number	OD60= 9 Number	OD60= 9 Number	OD60= 9 Number	OD60= 9 Number	OD60= 9 Number	OD60= 9 Number

## SPA-LDS TYPE (Roller Diameter 100 mm)

For thickness upto 6 mm, roller dia 100 mm, multipoint adjustment, with or without VFD panels. All rollers are hardened, ground and chrome plated and all Standard gear box and electrical motors used.

Type	SPA-LDS 1000	SPA-LDS 1200	SPA-LDS 1600	SPA-LDS 2000
Width	1000	1200	1600	2000
Material Thickness(mm)	1 to 6	1 to 6	1 to 6	1 to 6
Roller diameter(mm)	100	100	100	100
Motor(HP)	10	15	15	25



## SPA-MDS TYPE (Roller Diameter 150 mm)

For thickness upto 8 mm, roller dia 150 mm, multipoint adjustment, with or without VFD panels. All rollers are hardened, ground and chrome plated and all Standard gear box and electrical motors used.

Type	SPA-LDS 1200	SPA-LDS 1600	SPA-LDS 1800	SPA-LDS 2000	SPA-LDS 2500
Width	1200	1600	1800	2000	2500
Material Thickness(mm)	1 to 8	1 to 8	1 to 8	1 to 8	1 to 8
Roller diameter(mm)	150	150	150	150	150
Motor(HP)	15	20	25	25	30



## SPA-HDS TYPE (Roller Diameter 200 mm)

For thickness upto 12 mm, roller dia 200 mm, multipoint adjustment & Hydraulic Adjustment, with or without VFD panels. All rollers are hardened, ground and chrome plated and all Standard gear box and electrical motors used.

Type	SPA-HDS 1200	SPA-HDS 1400	SPA-HDS 1600	SPA-HDS 2000	SPA-HDS 2200	SPA-HDS 2500	SPA-HDS 3000
Width	1200	1400	1600	2000	2200	2500	3000
Material Thickness(mm)	2 to 12	2 to 12	2 to 12	2 to 12	2 to 12	2 to 12	2 to 12
Roller diameter(mm)	200	200	200	200	200	200	200
Motor(HP)	30	30	30	35	35	40	45



# NC SERVO ROLL FEEDER

## Features

- High performance brush less servo drive ( From International Source).
- Low inertia, brush less AC servo motor with high energy .
- Precision incremental Optical Encoder (in built) to provide velocity and position loop feedback.
- Industrial.
- Hardened terminal Easy- to- read solid state.
- Interface terminal display area with a backlit 4 line display, sealed membrane keypad with a tactile feedback.
- User friendly interface : The interface terminal directs the operator with clear descriptive message in pressing the help key while in different screen directs the operator with instructions on how to change parameters or look at a information. Different modes of operation can be selected as well as jogging forward to reverse in manual mode.
- Batch counting : The operator choose the number of parts to make and the interface terminal will display a message when the count is reached up to 999,999.
- Advance feed Angle monitoring : Continually monitors the feed- angle and the material position.
- Compact electronic control enclosure with built-in operation panel that can be easily adapted for the press mounting or used as a freestanding console.



Series	Models	Width	Thickness	Roller Dia
Heavy Series Servo Feeder	SPA-CH-200-HS	200	0.5-6.0	90
	SPA-CH-300-HS	300	0.5-6.0	90
	SPA-CH-400-HS	400	0.5-5.0	90
	SPA-CH-500-HS	500	0.5-5.0	90
	SPA-CH-600-HS	600	0.5-4.0	90
	SPA-CH-800-HS	800	0.5-3.0	90
	SPA-CH-1000-HS	1000	0.5-2.0	90
	SPA-CH-1200-HS	1200	0.5-2.0	90
	SPA-CH-1500-HS	1500	0.5-2.0	90
	SPA-CH-1600-HS	1600	0.5-2.0	90
	SPA-CH-2000-HS	2000	0.5-2.0	90



# GO TYPE DE-COILER CUM STRAIGHTENER

## Features

- It saves volume because it is integrated with both Straightener and uncoiler. It automatically adjust the feeding time with output speed.
- It uses both electric parts and electro magnetic contact leads to increase service life.
- Rolls are made by bearing steel, heavily quenched, hard-chrome plated and grinding with HRC60 hardness.
- In normal and high speed operation, modern frequency converters are used for controlling the variable speed, keeping the straightening in pace, stable feeding.
- Feeding loop distance is reduced by leveler inclines. Highly rigid and powerful motorized straightener.
- 



Model	Width mm	Thick mm	Material I.D.	Material O.D.	Material Weight	Speed of Feed (M/Min)	Coil Expansion
SPA-60x200	200	1.0-2.5	450-550	1200	500kg	18	Manual
SPA-60x300	300	1.0-2.5	450-550	1200	500kg	18	Manual
SPA-60x400	400	1.0-2.5	450-550	1200	1 TON	18	Manual
SPA-60x500	500	1.0-2.5	450-550	1500	1.5 TON	18	Manual
SPA-80x200	200	1.0-4.5	450-550	1500	2 TON	18	Manual
SPA-80x300	300	1.0-4.5	450-550	1500	3 TON	18	Manual
SPA-80x400	400	1.0-4.5	450-550	1500	4 TON	18	Manual
SPA-80x500	500	1.0-4.5	450-550	1800	5 TON	18	Manual

## 3IN1 SERVO CUM STRAIGHTENER CUM DE-COILER

Type	ML-200	ML-300	ML-400	ML-500	ML-1000
Max Material Width (MM)	200	300	400	500	1000
Material Thickness (MM)	0.5-3	0.5-3	0.5-3	0.5-3	0.5-3
Reducer	1/30	1/30	1/30	1/30	1/30
Servo Motor	3 kw	3 kw	3 kw	5 kw	7.5 kw
Pinching Roller	OD 80= 4 Number	OD 80= 4 Number	OD 80= 4 Number	OD 80= 4 Number	OD 80= 4 Number
Work-Roller	OD 80= 7 Number	OD 80= 7 Number	OD 80= 7 Number	OD 80= 7 Number	OD 80= 7 Number
Material I.D	450-550	450-550	450-550	450-550	450-550
Material OD	1200	1500	1500	1800	1800
Max. Material Weight	1 TON	1 TON	2 TON	3 TON	5 TON



## COIL CRADLE TYPE DE-COILER CUM STRAIGHTENER



CC Model	Width (MM)	Thick (MM)	Coil Weight
SPA-Dia 60	200	0.32-1.5	1000Kgs
SPA- Dia 60	300	0.32-1.5	1000Kgs
SPA- Dia 60	400	0.32-1.5	1000Kgs
SPA- Dia 60	500	0.32-1.5	1000Kgs
SPA- Dia 80	200	1.0-2.5	1000Kgs
SPA- Dia 80	300	1.0-2.5	1000Kgs
SPA- Dia 80	400	1.0-2.5	1000Kgs
SPA- Dia 80	500	1.0-2.5	1000Kgs
SPA- Dia 95	200	1.0-4.5	2500Kgs
SPA- Dia 95	300	1.0-4.5	2500Kgs
SPA- Dia 95	400	1.0-4.5	2500Kgs
SPA- Dia 95	500	1.0-4.5	2500Kgs

# 3-IN-1 SERVO FEEDER CUM STRAIGHTENER CUM UN-COILER



## Standard Accessory

- Electric type loop control system.
- Hold down arm device
- Reference indicator adjuster.
- Coil side guide
- PLC control feeding program from Mitsubishi
- Air pressure disc braking device
- A cluster gear set maximizes transmission of horse power
- Feed and Straightener rolls with a hard chrome plated.
- Feeding line can be easily adjusted by advance worm gear screw jacks device.

Model Item	SPA-TNCF3-300	SPA-TNCF3-400	SPA-TNCF3-500	SPA-TNCF3-600	SPA-TNCF3-300	SPA-TNCF3-400	SPA-TNCF3-500	SPA-TNCF3-600	SPA-TNCF3-700	SPA-TNCF3-800
Width of Material (mm)	75~300	75~400	75~500	75~600	75~300	75~400	75~500	75~600	75~700	75~800
Feed Length (Max.) mm	9999.99	9999.99	9999.99	9999.99	9999.99	9999.99	9999.99	9999.99	9999.99	9999.99
Thickness of Material (mm)	0.4-3.2				0.5-4.5					
Max. Coil Weight (kg)	2500			3500	2500			5500		
Max. Coil I.D. (mm)	500				500					
Max. Coil O.D. (mm)	1500				1500					
Max. Speed (M/min)	18				18					
Feed Pitch Accuracy (mm)	0.15				0.15					
Feed Roll	Upper/Lower 1				Upper/ Lower 1					
Work Roll	Upper/Lower 4				Upper/ Lower 4					
Power Supply	220V AC 60HZ				220V AC 60HZ					
Air Power Supply	5KG/Cm				5KG/Cm					
Uncoiler Expansion	HYDRAULIC				HYDRAULIC					
Servo Motor (Kw)	AC 3 Kw + Gearbox 1/10				AC 5 Kw + Gearbox 1/10					
Uncoiler Motor (HP)	5			5	5			10		

## ZIG ZAG NC SERVO ROLL FEEDERS

### Features

We are one of the leading manufacturers and suppliers of SPA NC servo feeder, which are suitable to be used for coil made of different materials. Our range of servo feeders is designed using advance technology therefore, is easy in operation, safe and stable. We offer these industrial feeders in different specification, which can, further, be customized as per the varied requirements of client.



## ZIG ZAG MOTORIZED DE-COILER



Model		SPA ZAG-200	SPA ZAG-400	SPA ZAG-500	SPA ZAG-600	SPA ZAG-800	SPA ZAG-1000	SPA ZAG-1500	SPA ZAG-2000
Material width (mm) (max)		200	400	500	600	800	1000	1500	2000
Material Thickness (mm) (max)		5	5	5	5	5	5	5	5
Feed Length (mm) (max)		9999.99							
Feed Speed (m/m) (max)		50							
Power Supply		415V 3Phase							
Release Equipment		Pneumatic							



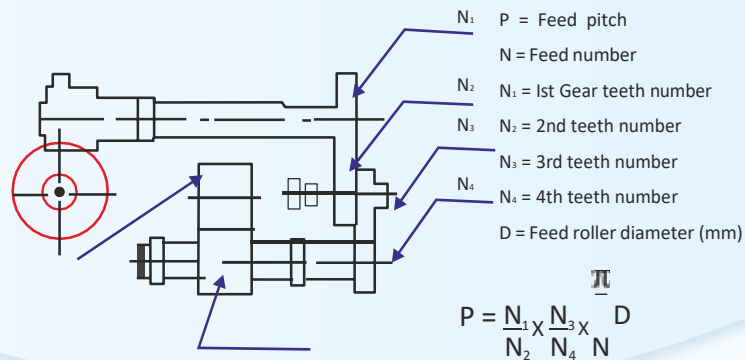
# HIGH SPEED GEAR CHANGE FEEDER

## GCF-Series

- High speed
- Precise
- Reliable



Cam mechanism diagram



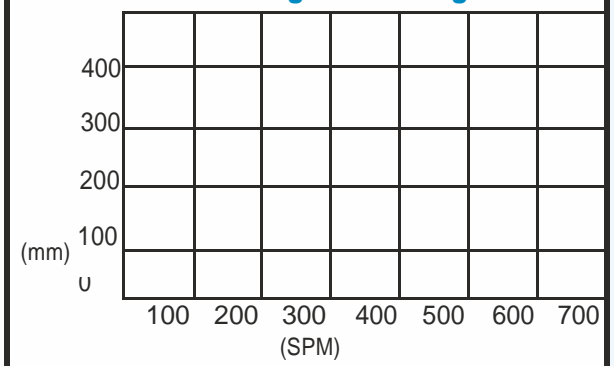
## Features

- High Cam Mechanism
- High Speed and High Precision Feeding, Speed up to 40M/min
- Reliable and Stable Feeding
- One Year Quality Guarantee

## Option function

CAM option is 3, 4, 8, 12 division feeding length is chosen according to the cam division and gear ration, this system is suitable multitudinous for production.

Feeding curve diagram



Models	GCF - 100	GCF - 200	GCF - 300	GCF - 400
STOCK WIDTH (mm)	100	200	300	400
STOCK THICKNESS (mm)	0.3~2.0			
CAM DIVISION	3/4/8/12			
FEEDING LENGTH (mm)	1.20~600			
FEEDING ANGLE	180			
RELEASE ANGLE	135~195			
FEEDING DIRECTION	Left to Right			



# MECHANICAL GRIPPER FEEDERS

## Salient Features

- Round guides with linear bushing
- Capability to mount to any type of press
- Transmission through bevel gearbox and Cardin staff from the press.
- Lubrication oiling by grass nipple.
- Accuracy  $\pm 0.025\text{mm}$  with mechanical pilot synchronization.
- Easy setting to pitch length.
- All adjustment are easily reachable.
- Quick opening of the gripper for die piloting in order to obtain accurate positioning at high speed.
- Adjustment for various thickness by mean of knuckled knobs placed at the upper part of the feeds.
- Standard transmission for speed up till 300 strokes per minute including gearbox, transmission shaft and rubber coupling. Also available with timing belt.
- Maintaining stand bracket.
- Cascade roll basket.



## Machine Main Specifications

Type Model	Width Mm	Stroke Length Mm	Thickness Mm	Speed Max Stroke/min
SPA-130X130	5-130	5-130	0.1-2.5	250
SPA-135X135	5-135	5-135	0.1-2.5	250
SPA-210X210	5-210	5-210	0.1-2.5	250
SPA-250X250	5-250	5-250	0.2-3	250
SPA-300X200	10-300	10-200	0.2-3	250
SPA-310X310	10-310	10-310	0.2-3	200
SPA-310X320	10-310	10-320	0.2-3	200
SPA-350X350	10-350	10-350	0.2-3	180
SPA-400X200	10-400	10-200	0.2-3	200
SPA-450X250	10-450	10-250	0.2-3	200
SPA-450X450	10-450	10-450	0.2-3	150

## S-LOOP TYPE STRAIGHTENERS

- It is able to exactly match the double end coil cradle, easy operation, it can complete match with high speed press, use with roll feeder machine effect will be better.
- “S” type loop guiding system is equipped with optical signals. PC and frequency converter and can work synchronizing with the press.
- The frequency converter adjusts speed. SPM upto 60m/min.



Models	SPA-SLTS100	SPA-SLTS200	SPA-SLTS300	SPA-SLTS400	SPA-SLTS500
Max. Width (mm)	100	200	300	400	500
Max. Thickness (mm)	0.3-1.5	0.3-1.5	0.3-1.5	0.3-1.5	0.3-1.5
Roller Dia	60	60	60	60	60
Motor (HP)	1	1	2	3	3
Power	RPM 1440 (Three Phase Voltage)				

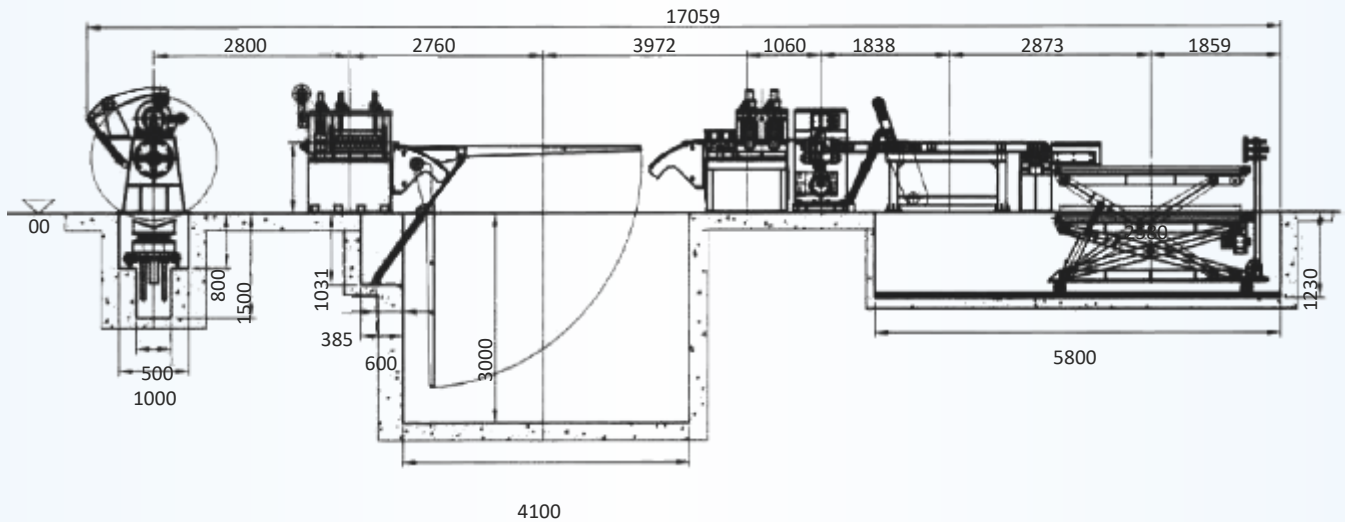
# POWERPRESS





# FULL HYDRAULIC AUTOMATIC CUT TO LENGTH LINE

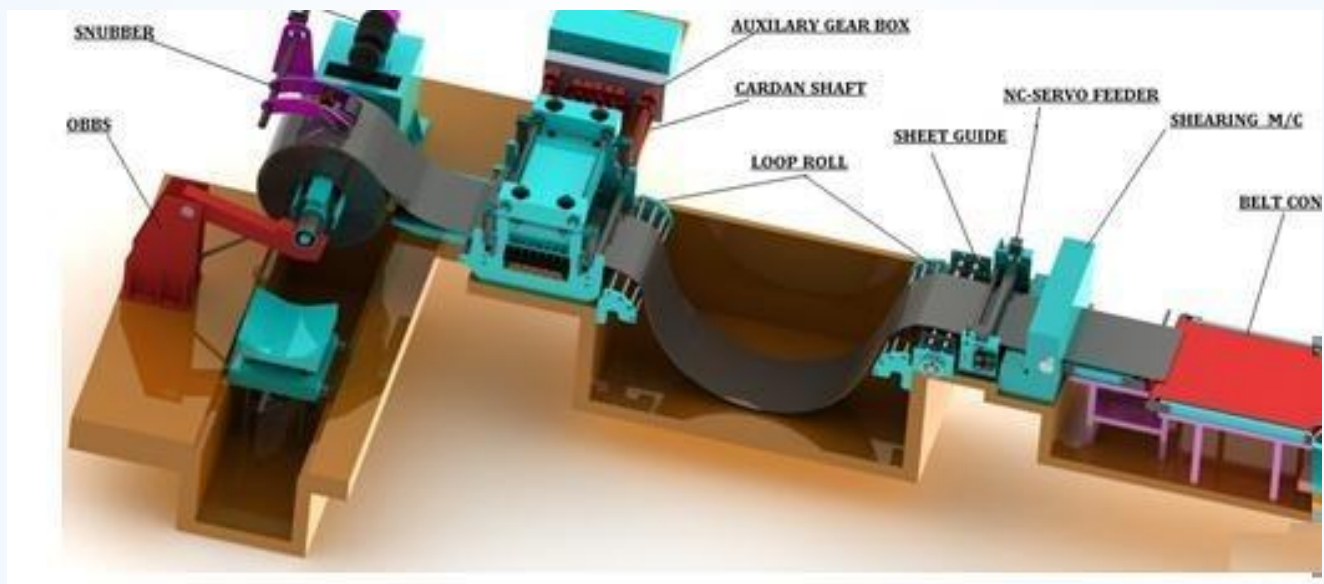
**Mechanical Composition :** Coil car, decoiler, leveler, front loop, NC length devices, Shearer, conveyor belt, stacker, lift table, hydraulic system, electric system



## Main Tech Parameters

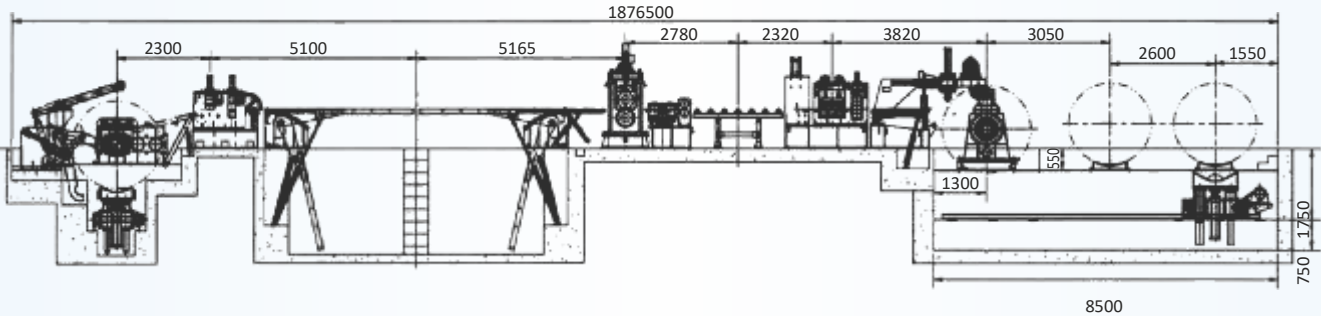
Model	Material	Coil Thickness(mm)	Coil Weight (t)	Max. Width	Line Speed (m/min)	Floor Space (m)
2000-1	SS, GI, HR, CR, Silicon	0.2-2.0	25-45	2000	60	55X10
2000-2	Steel, Alu, Copper,	1.0-4.0	25-45	2000	50	55X10
2000-3	Colored Coil	4.0-8.0	25-45	2000	40	55X10

*Note : This is just for references, Customer customized is welcome.*



# FULL HYDRAULIC STEEL COIL SLITTING LINE

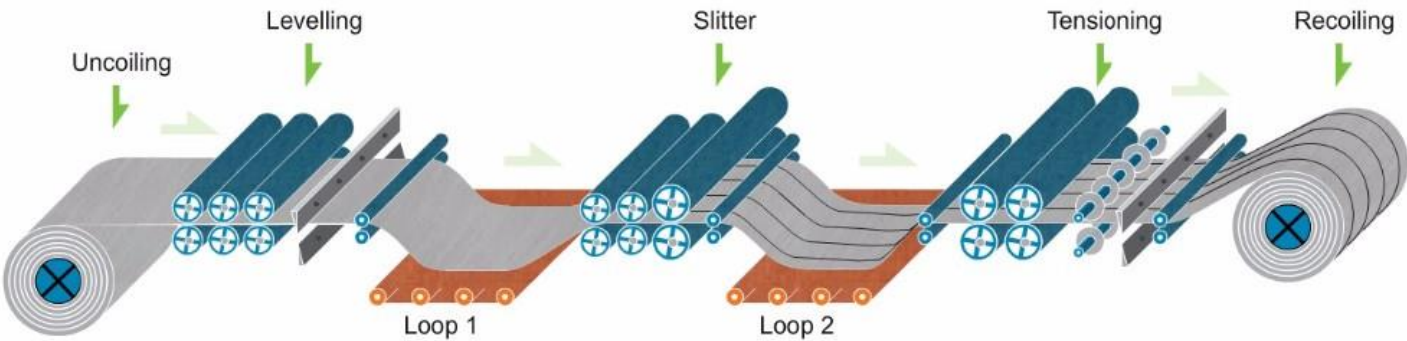
**Mechanical Composition :** Prepare Coil Table, Coil Car, Decoiler, Pinch Roller, Straightener, Shearer, Passing Roller Table, Side Guider, Slitter, Edge Coil Rewinder, Loop Pit, Roller Type Tension Station, Recoiler, 1 Set Auxiliary Support, Hydraulic System, Electric System



## Main Tech Parameters

Model	Material	Coil Thickness(mm)	Coil Weight (t)	Max. Width	Line Speed (m/min)	Floor Space (m)
SL2000-1	SS, GI, HR, CR, Silicon	0.2-2.0	20-35	2000	100	45x10
SL2000-2	Steel, Alu, Copper,	1.0-4.0	20-35	2000	80	45x10
SL2000-3	Colored Coil	4.0- 8.0	20-35	2000	70	45x10

Note : This is just for references, Customer customized is welcome.





# STAMPING DIE

HIGH SPEED<sup>DIE</sup>



1. Ceiling fan motor stamping



2. Cooler motor stamping



3. Table fan motor stamping



4. Automobile motor stamping



5. Office appliances



6. Water Pump Motor stamping



7. Wind turbin motor stamping



# MOTOR LAMINATION PROGRESSIVE STAMPING DIE

## MOTOR CORE LAMINATION PROGRESSIVE STAMPING DIE

It is a motor core lamination cabide progressive stamping die with integration of machinery and electricity. It features an accuracy of 2um, a step accuracy of 3um, matrix ins-ert segment accuracy of 1 um, dual rotation accuracy+1,surface roughness Ra0.1-0.4um.and die sets parallelism of 0.01mm/1000mm. The motor die can be used on the high-speed stamping machine at a speed of 300-500 spm, and it is completed with a number of functions such as automatic punching, interlocking, skewing slot, dividing into groups and rotation, some electronic monitor devices are equipped on the die such as air cylinder, solenoid valve and detector of mis feeding and double thickness. The success rate of once trial test run of the progressive die is 80% with 300-500 spn. averaged grinding frequency of 150 million.



# SPA-P01 SERIES GANTRY TYPE HIGH SPEED & HIGH ACCURACY PRESS

Description	Type	SPA-P01-80	SPA-P01-125	SPA-P01-160	SPA-P01-200	SPA-P01-160	SPA-P01-200	SPA-P01-250
Nominal force	KN	800	1250	1600	2000	1600	2000	2500
Nominal Stroke	mm	3	3	3	3	4	4	4
Slide stroke	mm	30	30	30	30	30	30	30
SPM	mm	160~280	160~240	160~220	150~200	130~270	120~260	120~250
Max die height	mm	360	400	400	420	400	450	500
Die height adjustment	mm	50	50	50	50	50	50	50
Bolster (FB X LR X T)	mm	550x980 x160	600x1180 x180	700x1380 x180	800x1550 x200	740x1300 x180	760x1350 x200	800x1400 x200
Bolster opening (F.BxL.R)	mm	200 x 750	200 x 950	200 x 950	200 x 1100	200 x 700	200 x 750	200 x 800
Slide area (F.BxL.R)	mm	500x950	500x1050	600x1250	650x1450	650x1200	680x1250	700x1300
Between columns	mm	1000	1200	1400	1600	1380	1450	1500
Side opening width	mm	400	450	500	550	680	680	680
Model		Y2-160 M-4	Y2-200L 1-6	Y2-200L2-6	Y2-225M-6	Y2-180L-4	Y2-200L-4	Y2-225S-4
Main Motor Power	KW	11	18.5	22	30	22	30	37
Net weight	Kg	9000	11500	15500	20000	20000	25000	30000



## GANTRY TYPE HIGH SPEED & HIGH ACCURACY PRESS



- Steel welded gantry type frame with high rigidity.
- Portrait crankshaft with short pivot point distance and high rigidity.
- Crankshaft support: rolling bearing with high accuracy.
- Motor with inverter with stable velocity.
- Slide eight-face roller guide with high guide accuracy.
- Mechanical die height adjustment with digital display and 0.10mm accuracy.
- Hydraulic overload protector 80T/125T link mechanical lock, 160T/200 link hydraulic locking.
- Fully forced oil lubrication system.
- Electrical cam control, integrated interface, easy for operation and with high accuracy.

## SPA-P02 SERIES STRAIGHT SIDE TWO POINT HIGH SPEED & HIGH ACCURACY PRESS

Description	Type	SPA-P02-80	SPA-P02-125	SPA-P02-200	SPA-P02-300
Nominal Force	kN	800	1250	2000	3000
Nominal Stroke	mm	3	3	3	3
Slide Stroke	mm	30	30	30	30
SPM	min	200-550	200-500	150-450	150-400
Max die height	mm	380	400	420	450
Die height adjustment	mm	50	50	50	50
Bolster (F.BxL.RxH)	mm	750x1100	850x1300	950x1700	1000x2100
Bolster Thickness	mm	150	160	200	230
Bolster opening (F.BxL.R)	mm	150x850	200x1100	250x1300	250x1400
Slide area (F.BxL.R)	mm	550x1100	600x1300	700x700	770x2100
Main motor power	kW	22	30	45	55
Adjustment of motor power	kW	0.75	1.1	1.5	2.2
Outline dimension (F.BxL.RxH)	mm	2700x1800x3100	3000x1800x4200	3300x2100x4500	4050x2500x4800
Net weight	kg	18500	25000	38000	65000



## STRAIGHT SIDE TWO POINT HIGH SPEED & HIGH ACCURACY PRESS



- Two parts type steel welded frame with high intensity to reduce machining cumulative allowance.
- Reverse balancing device to balance slide during stamping.
- Guide : THK linear rolling bearing.
- Mechanical die height adjustment with LED display and 0.10mm accuracy.
- Fully forced oil lubrication.
- Electrical cam control, integrated interface, easy for operation and with high accuracy.
- Progressive die.
- Automatic with uncoiler, straightener, auto feeder.

# SPA-P03 SERIES HIGH SPEED & HIGH ACCURACY PRESS

- Application : air conditioner fin, car radiator, air conditioner radiator, steel coil, silicon steel.
- Combined dry pneumatic friction clutch.
- SPA-P03-45 Superior : lifting balance cylinder for Slide.
- Imported dual solenoid valve.
- Forced oil lubrication system.
- PLC of international brand.
- Hydraulic overload protector.
- SPA P03-45~65 manual die height adjustment with scale display; SPA-P03-63 Superior: electrical die height adjustment with digital display.
- Equipped with multi-cutter valve, blow valve, automatic press line with automatic feeder.
- General press: with general guide, rigid overload protector.
- A type: roller guide, rigid overload protector.
- B type: roller guide, hydraulic overload protector.
- Series: Slide with eight face guide and optional hydraulic overload protector and roller guide.

Description	Type	SPA-P03-25 SPA-P03-25A SPA-P03-25B	SPA-P03-45 SPA-P03-45A SPA-P03-45B	SPA-P03-63 SPA-P03-63A SPA-P03-63BB	SPA-P0-80 SPA-P0-80A SPA-P0-63B
Nominal Force	kN	250	450	630	800
Nominal Stroke	mm	1.6	1.6	2	2
Slide Stroke	mm	30	50	50	40
SPM	min <sup>-1</sup>	120-200	120-200	120-200	120-180
Max die height	mm	250	300	300	320
Die height adjustment	mm	50	50	60	60
Between slide centre and frame	mm	250	300	300	310
Bolster (F.BxL.RxH)	mm	480x700	570x800	580x860	600x1000
Bed opening (dia/F.BxL.R)	mm	300x300	350x350	350x350	260x520
Bolster thickness	mm	80	100	110	120
Slide area (F.BxL.R)	mm	250x360 25B: 300x360	340x410	400x480	42x560
Shank hole (Dia x Depth)	mm	φ 40x60	φ 40x60	φ 50x80	φ 60x80
Between columns	mm	450	540	600	680
Main motor power	kW	4	5.5	7.5	11
Outline dimension (F.BxL.RxH)	mm	1830x1120x2080	2020x1220x2280	1800x1210x2520	1850x1280x2850
Net weight	kg	3500	4200	6100	8000

# SPRINGS DIVISION



Wire Dia 0.20 mm to 1.50 mm Compressor spring



Wire Dia 2.00 mm to 6.00 mm Compressor Spring Making

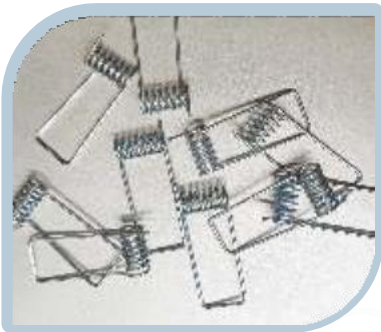


Wire Dia 0.50 mm to 2.00 mm Tension spring



Wire Dia -2.00 mm to 6.00 mm Tension Spring





We are one of the leading spring manufacturers for the last 11 years in Sector 10, Noida, Uttar Pradesh India. We are known as one of the leading manufacturers of Compression, Extension & Torsion Springs and Our company has become one of the fastest progressing manufacturers of high-quality precision- made springs of a wide range, meeting requirements of a cross-section of Industries such as Automobiles, Two & Four Wheelers, Electrical and Electronics Home Appliances Defence Stores, etc.

For Spring Division Email: [shubham\\_spring@rediffmail.com](mailto:shubham_spring@rediffmail.com)



## SHUBHAMPRESS AUTOMATION PRIVATE LIMITED

AN ISO 9001:2015 CERTIFIED COMPANY

B-92, SECTOR 10, NOIDA-201301 (U.P.) INDIA

Ph: 0120-4307733 Mob: 8750402229, 8750402228

Email: [shubhamservo feeder@gmail.com](mailto:shubhamservo feeder@gmail.com)

Website: [www.shubhampressautomation.com](http://www.shubhampressautomation.com), [www.shubhamairfeeders.com](http://www.shubhamairfeeders.com)

