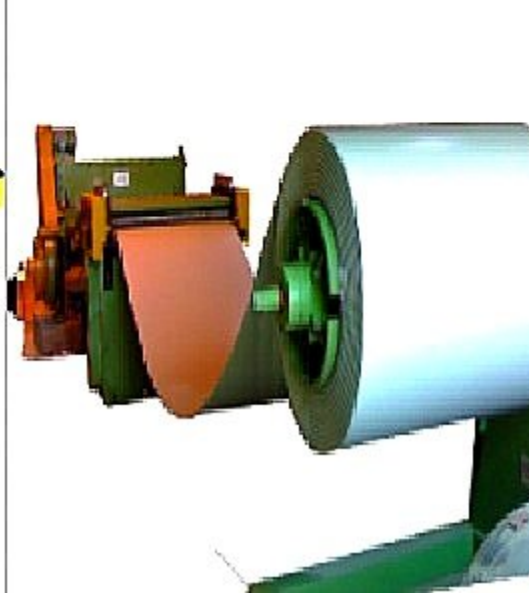
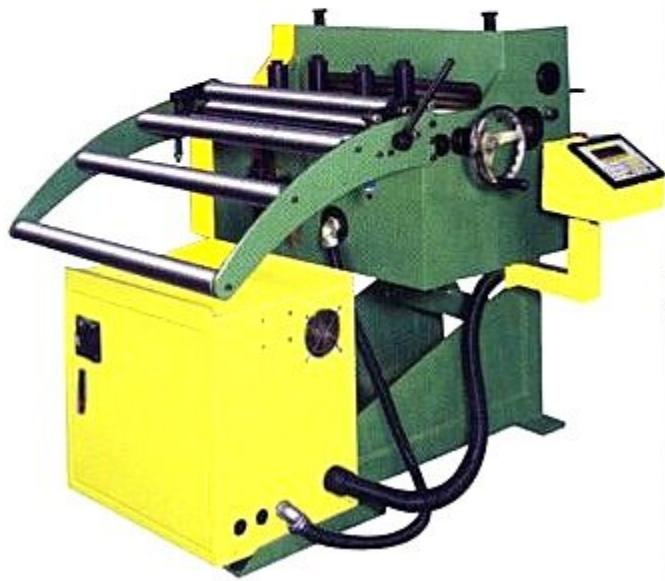
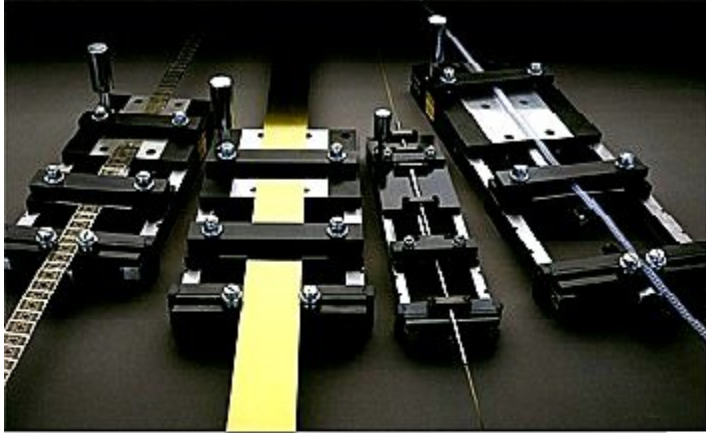




Rathee

Industrial Products

PRESS ROOM AUTOMATIN PRODUCTS



PUNE OFFICE :

605, Building-A16C,
River Residency, Dehu-Alandi Road,
Jadhavwadi, Chikhali (PCMC)- Pune
Maharashtra - 412114

Ph. : +91-9860595372 / +91-9767900369

DELHI /NCR OFFICE :

4/67, ROOM NO.3, Ground Floor,
Shivaji Nagar, Khandsa Road,
Gurgaon. Haryana - 122001.
Ph. : +91-9958148844.

VARIOUS TYPES OF PNEUMATIC FEEDERS

Our high precision pneumatic feeder offers the most simplest feeding in the field of pneumatics. These are simple in use and also are maintenance free. These feed units are used in different areas of production of sheet metal components, door-hinges, electrical stamping and lamination, relays gaskets, auto parts, circular saw, clutch plates, wire components, thermostats, components of plastic or paper are made to production faster and accurate.

FEATURES

- Highly accuracy in tune of 20 microns
- Easy installation one power press to another
- Fit for any kind of working atmosphere
- Low air consumption and minimum sound operation
- Increase both productivity & quality.

How To Select a Feeder?

Max. width of your strip in coil form ...mm

Max. stroke length of your feeding ...mm

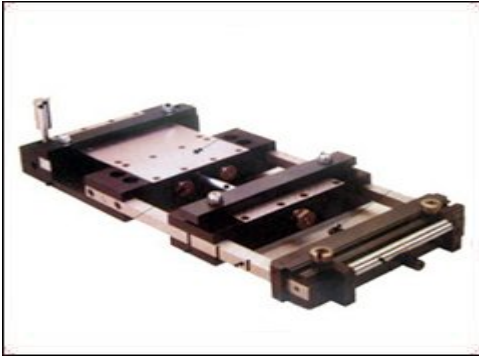
Max. Min thickness of your strip ...mm

Strokes per minute of press.

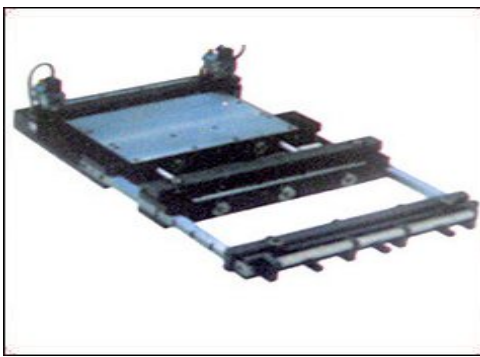
PNEUMATIC FEEDERS-Superior Air Feed Design

Series	Models	Strip Width Max. mm	Stroke Length Max. mm	Strip Thickness Max. mm
Light	AH01	55	55	1.80
	AH02	55	105	1.70
	AH03	55	155	1.40
	AH04	55	205	1.20
	AH05	55	255	1.00
	AH06	80	55	1.70
	AH07	80	105	1.60
	AH08	80	155	1.50
	AH09	80	205	1.20
	AH10	80	255	1.00
	AH11	105	55	1.60
	AH12	105	105	1.40
	AH13	105	155	1.30
	AH14	105	205	1.20
	AH15	105	255	1.10
Medium	VH16	80	55	2.10
	VH17	80	105	1.90
	VH18	80	155	1.70
	VH19	80	205	1.50
	VH20	80	255	1.40
	VH21	105	55	1.90
	VH22	105	105	1.70
	VH23	105	155	1.60
	VH24	105	205	1.50
	VH25	105	255	1.40
	VH26	155	55	1.50
	VH27	155	105	1.30
	VH28	155	155	1.20
	VH29	155	205	1.10
	VH30	155	255	1.00
Heavy	LH31	160	105	3.70
	LH32	160	205	3.60
	LH33	160	305	2.90
	LH34	210	105	3.10
	LH35	210	205	3.00
	LH36	210	305	2.90
	LH37	310	105	2.90
	LH38	310	205	2.80
	LH39	310	305	2.40
Special	AMF-40	310	405	2.50
	AMF-41	310	505	2.00
	AMF-42	410	305	3.00
	AMF-43	410	405	2.50
	AMF-44	410	505	2.00
	AMF-45	410	605	2.00
	AMF-46	510	405	2.50
	AMF-47	510	505	2.00
	AMF-48	510	605	2.00
	AMF-49	610	405	2.50
	AMF-50	610	505	2.00
AMF-51	610	605	2.00	

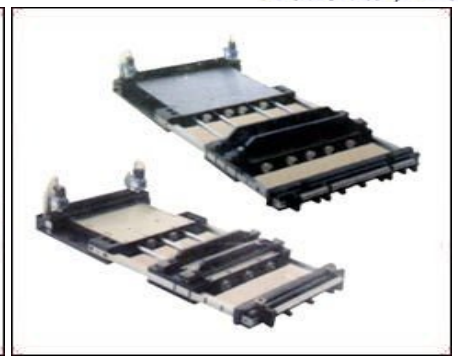
Air Pressure: 5-6 Bar



PNEUMATIC FEEDER



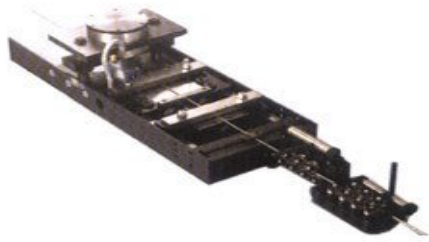
DOUBLE CYLINDER



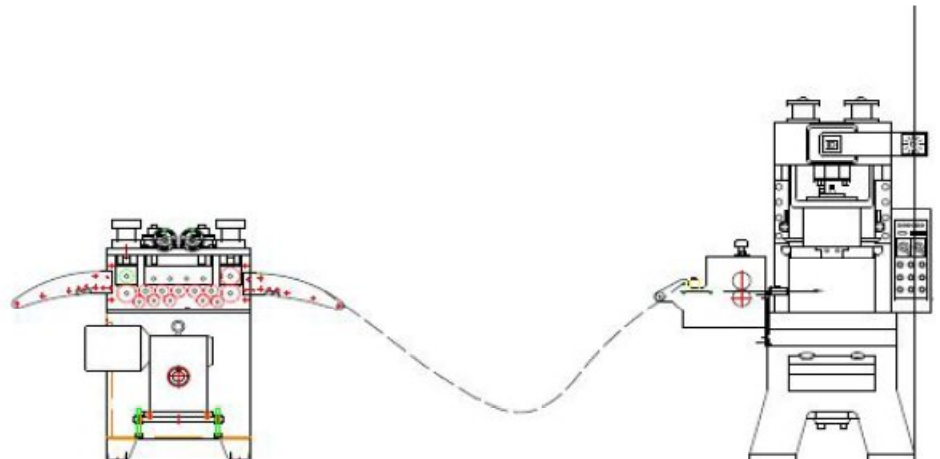
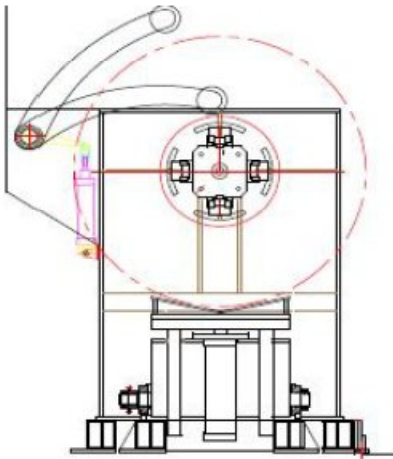
MULTI CYLINDER



PUSH & PULL FEEDER



WIRE FEEDER



MECHANICAL GRIPPER FEEDERS

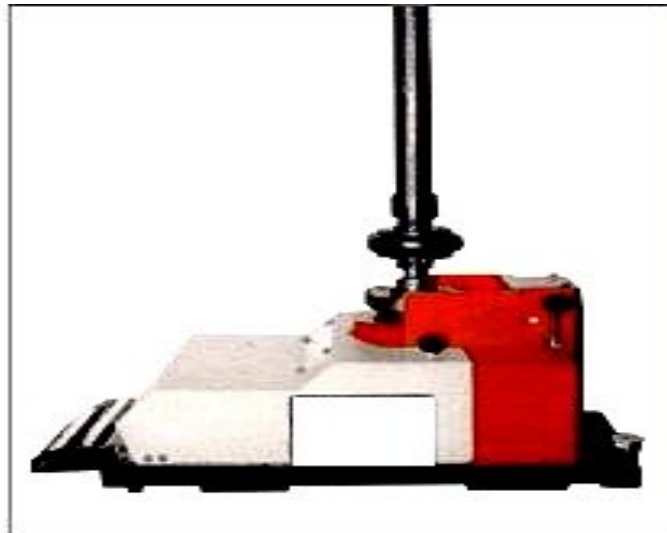
We offer mechanical gripper feeder for perfect solution of feeding strips on medium / high power presses. These have accurate and easy pitch adjustment where its accuracy in tune 0.20 mm is obtainable with piloting.

FEATURES

- All rotating parts are fitted with anti friction bearings to provide long life & reduce maintenance
- The gripper are made out of carbide material long life
- High speed up to 650 strokes / min
- Roller cam for pilot release setting for precision adjustment of the fixed gripper
- Silent & Trouble free operation
- Micrometer pitch setting arrangement
- Mechanically synchronization with the press avoiding feeding mismatch at high speed
- Drive from the press crankshaft to the gripper is fitted with an overload safety coupling
- Hardened gears providing in the right angle gear box for long life

MECHANICAL GRIPPER FEEDERS

Model	Strip Width (mm)	Max. Pitch (mm)	Max. Thickness (mm)	Max. S.P.M.
AMG-I	5-130	130	2.6	650
AMG-II	5-200	200	2.3	525
AMG-III	5-230	230	2.1	400
AMG-IV	5-300	300	1.9	340
AMG-V	10-400	400	1.5	280



NC SERVO FEEDERS

SPECIFICATION & FEATURES

- GE Fanuc servo motor feeder, precise feed measurements with extremely small error.
 - Feeder roller surface specially treated and hard chrome plated to minimum hardness HRC60° for high wear resistance.
 - Human machine interface control for convenient operations.
 - Pneumatic release for highly accuracy.
 - Custom designs models are also available upon request.
- STRIP WIDTH - 100/200/300/400/600/800/1000/1300
 - STRIP THICKNESS - 0.20- 6.0 MM



NC SERVO AUTO REEL & LEVELER



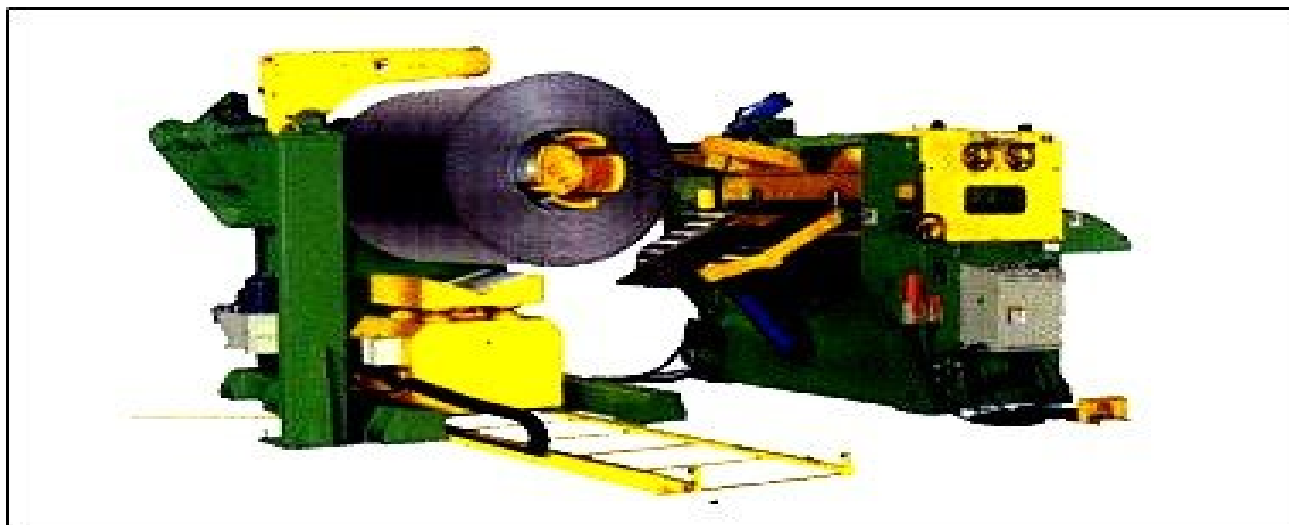
SPECIFICATIONS

- Auto adjustment of Feeding height
 - Air expansion or Hydraulic expansion
 - Hard chrome plated rollers
 - Variable speed driving motor (A/C drive)
 - Pneumatic clutch for straightening unit
 - Speed of machine
 - Servo motor (NC) for auto feeding

WIDTH- 100-1000mm.

TICKNESS- 0.2-0.4 mm.

NC SERVO THREE IN ONE SERIES



FEATURES

- GE Fanuc servo motor feeder, precise feed measurements with extremely small error.
- Feeder roller surface specially treated and hard chrome plated to minimum hardness HRC60° for high wear resistance.
- Custom designs models are also available upon request.
- De-coiler jaws expansions hydraulically operated. (weight up to- 5000 kgs.)
- Coil loading by coil car carrier.

SPECIFICATIONS

- WIDTH- 100/200/300/400/600/800/1000
- THICKNESS- 0.20- 4.0 MM

Model	AMDS-200	AMDS-300	AMDS-400	AMDS-500	AMDS-600	AMDS-700	AMDS-800
Width-mm	25-200	25-300	25-400	25-500	25-600	25-700	25-800
Thickness-mm	0.3-3.5	0.3-3.5	0.3-3.5	0.3-3.0	0.3-3.0	0.3-3.0	0.3-3.0
Coil Weight-Kgs.	1000	1500	2000	2000	2500	3000	3000
Coil I.D.-mm	450-550	450-550	450-550	450-550	450-550	450-550	450-550
Coil O.D.-mm	1200	1200	1200	1200	1200	1200	1200
Speed (m/min.)	12.5	12.5	15	15	15	15	15
Power							
Straightner H.P.	2.0	3.0	3.0	5.0	5.0	7.5	7.5
Power De-Coiler							
A/C gear motor							
H.P.	1.0	1.0	2.0	2.0	2.0	3.0	3.0
Coil Expansion	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Feed height-mm	1000-1150	1000-1150	1000-1150	1000-1150	1000-1150	1000-1150	1000-1150
Air Pressure-Bar	5	5	5	5	5	5	5
M/c Weight-Kgs	1600	2000	2500	2800	3200	3600	4000

DECOILER CUM STRAIGHTENER MACHINES



DECOLER CUM STRAIGHTNERS



COMPACT TYPE



CRADLE TYPE

TECHNICAL SPECIFICATION

Model	Strip Thickness (mm)	Strip Width (mm)	Coil Weight Kgs.	Coil O.D. (mm)	Coil I.D. (mm)
AMS-I	0.3-1.5	100	500	900	400-550
AMS-II	0.3-1.5	200	750	1000	400-550
AMS-III	0.5-3.0	300	1000	1200	425-575
AMS-IV	0.5-3.0	400	1500	1200	425-575
AMS-V	0.5-2.5	500	2000	1200	425-575

SHEET STRAIGHTENERS

Sheet straighteners depending upon the material specifications and other requirement of our clients, we offer strip straightener. Through our technical department, we advice our clients on the right purchasing. Along with the versatile range of top quality precision strip straightener, pull through models are also available. Following are some of features of our products :these model are varies up to 1300 mm sheet width & 4.0mm sheet thickness. straightener are use for straighting the materials like HR, SS, Copper, CRC, aluminum, brass sheets etc.

FEATURES

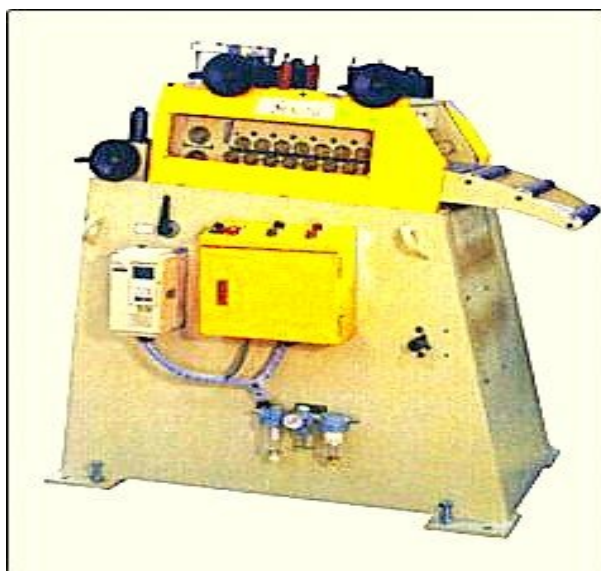
- Durable
- Simple in use
- Maintenance free
- User-friendly

SPECIFICATIONS

Model	Max. Strip Width (mm)	Power (HP)	Strip Thickness (mm)
AMHS-I	100	1.0	2.0/3.0/4.0
AMHS-II	200	1.0	2.0/3.0/4.0
AMHS-III	300	2.0	2.0/3.0/4.0
AMHS-IV	400	3.0	2.0/3.0/4.0
AMHS-V	500	5.0	2.0/3.0/4.0
AMHS-VI	600	5.0	2.0/3.0/4.0



LIGHT DUTY



MEDIUM & HEAVY DUTY

COMPONENT STRAIGHTENER

These are precision-engineered component straightener that are very effective for straightening flat components and cut sheets. As most of the flat component become deformed after press work, due to shearing by punches & dies, the components pass through a straightening machine to regain the desired flatness. So, our range of component straighteners designed & constructed with accuracy & also flexibility to suit to deviating needs of industrial-users.

SPECIFICATIONS

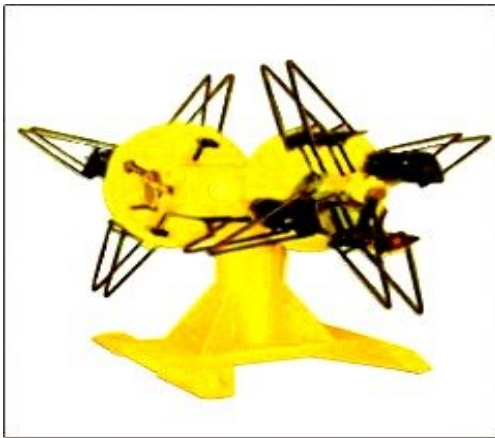
- Component Width : 100- 500 mm
- Thickness : Min – 0.5 mm & Max – 10 mm
- Suitable for : CRC & HR Metals
- No of Straightening Rollers : 19- 25 Nos. (Depending of Model & Application)
- Speed : 2.5 Meters / Minute
- Gear Box : Worm reduction gear box
- Material of Rolls Construct EN-31
- Hardness of Rolls : 55-57 Hrc
- Movement of Rolls : Mechanical Screw
- Bearings : Branded & Quality approved make



DE-COILER / UN-COILER

TECHNICAL SPECIFICATION

Model	Coil weight (Kgs)	Coil Width (mm)	Coil I.D. Min. & Max (mm)	Coil O.D. (Mm)	Power (HP)
AMD-I	150	100	325-475	600	1/2
AMD-II	300	150	350-500	800	1
AMD-III	500	200	375-525	1000	1
AMD-IV	1000	300	425-550	1200	2
AMD-V	2000	400	425-550	1200	2
AMD-VI	3000	500	425-550	1200	3



TWIN DE-COILER



HEAVY DUTY MOTORISED DE-COILER

FEATURES

- Models are available up to 20 ton capacity 1500 mm width
- Driven by A/C gear motor with loop control
- Main parts are of alloy steels
- Jaws expansion manually operated
- Mechanical brake provides smooth working
- Jaws hydraulic operated optional
- Coil car carrier optional
- Snouber optional



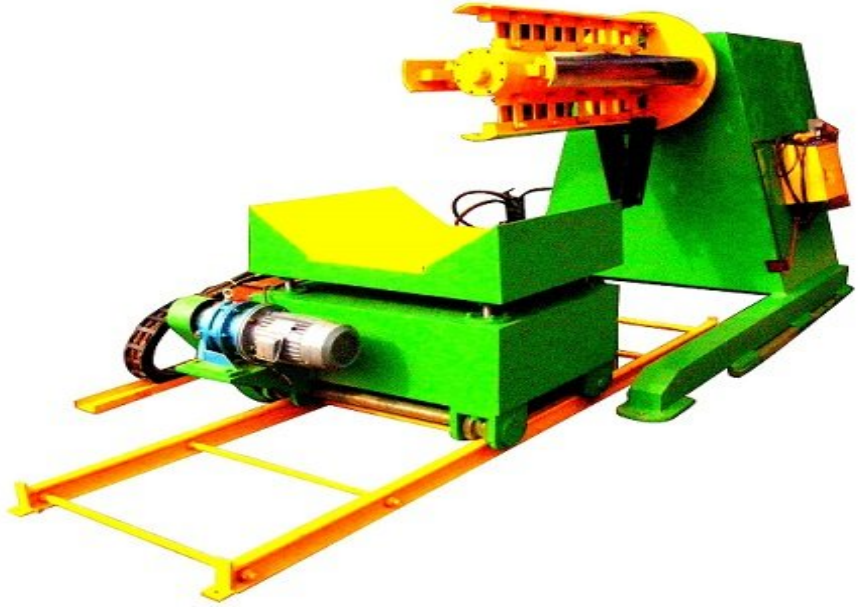
NON-MOTORISED DE-COILER



MOTORISED DUPLEX DECOILER



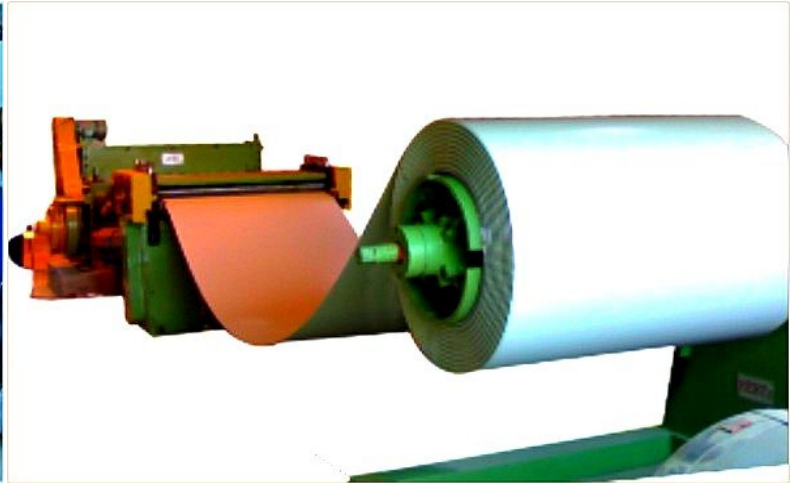
HYDRAULIC RE-COILER MACHINE



HEAVY DE-COILER WITH COIL CAR



CUT TO LENGTH MACHINE



SPECIFICATIONS & FEATURES

- We are manufacturing CTL Lines upto 400 - 3000 mm coil Width.
- Thickness of the Coil varies 0.20 - 20 mm of CRC, HR, Aluminium & SS Material.
- Coil Weight varies 3.0 MT to 30 MT.
- Shearing machines are available both type. (Pneumatic clutch operated & Hydraulically operated).
- Straightener / Leveler machine rollers are made of Alloy Steels.
- Driven by gears or auxiliary gear box.
- Line speed upto 40 Meters per Minute.
- Mechanical stopper control line.
- Variable Speed of line - optional.
- Electrical Stopper Control line - Optional.
- Encoder with PLC Control base line - Optional.
- NC Servo Motor high speed control line - Optional.
- Back tray, motorised Conveyor or hydraulic Stacker - Optional.

CUT TO LENGTH LINE

The cut to length lines automatically feeds & cuts to even or random as required lengths of sheets by power shear/ fly shear Using high precise straighteners. The machine has a single or double straightener as per requirements. These are technically accurate machines that have been assessed on performance & consistency in output before releasing to market. Features : Cut to length lines varied from 400 mm to 2500 mm width Coil thickness varies from 0.20 mm to 16 mm (CRC, HR, CRNGO & S.S. Material) Weight of Coil varies from 3.0 ton to 30 tons Operation : Hydraulic Power and Pneumatic Clutch Construct : Made up of EN-31 material ,ayyoy steel-roller, hardened gears etc. Control Line : Electrical Stopper line NC Servo Motor based Line. Control Line Encoder : PLC Based

HIGH SPEED CUT TO LENGTH LINE

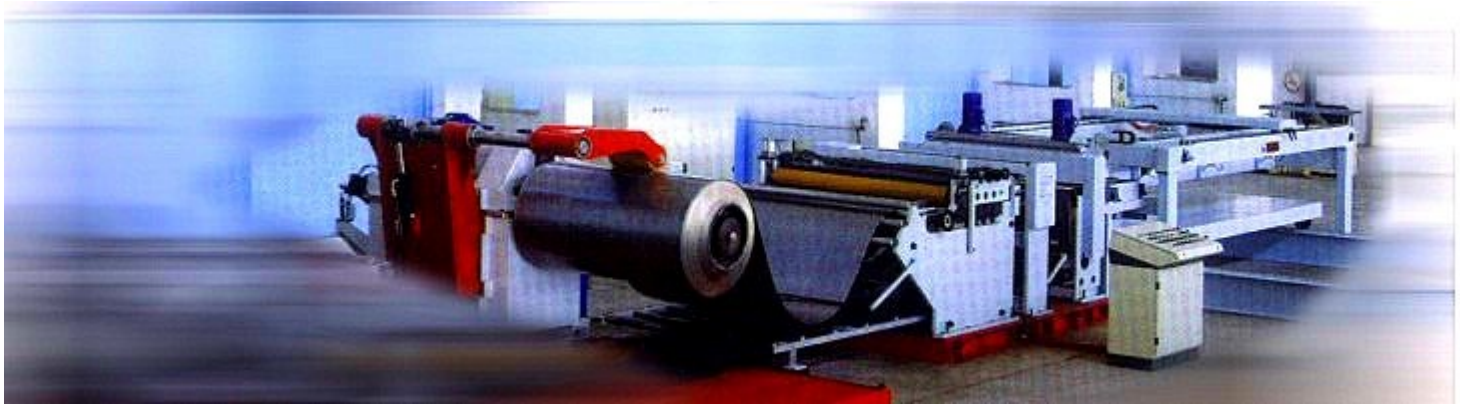
We provide a range of High Speed Cut To Length Lines, that can automatically feed and cut to even or random as required lengths of sheets by power shear/ fly shear. These high speed cut to length lines are available in ranges up to 1600 mm width & 4.0 mm sheet thickness with automatic coil loading, coil car, hydraulic stackers etc.

Other Information

- Minimum Order Quantity: 01 Piece/Pieces
- Delivery Time: 60 days



NC SERVO HIGH SPEED CUT TO LENGTH LINES



NC Servo High Speed Cut To Length Lines are available with automatic coil loading, coil car carrier, snouber, hydraulic stackers etc.

This Cut To Length Line (Loop Line) is one of our best acknowledged and appreciated product serving to a number of highly reputed metal cutting organisations. It gives highly accurate cutting option at high speed. Once the coil is loaded and line is started, desired products are obtained in no time.

NC High speed Cut To Length Lines are available a wide range with automatic coil loading, coil car carrier, hydraulic stacker/conveyor with high speed shear. The operation is controlled by state of the art manufactured touch screen control panel.

SPECIFICATIONS & FEATURES

- Width of Coil - 400 - 1600 mm.
- Thickness of Material - 0.20 - 4.0 mm.
- Line speed - upto 100 meters / min.
- Operation - Control Panel.
- Formations - Loop Line / Tight Line.

RATHEE INDUSTRIAL PRODUCTS

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