



RIDDHI AUTOMATION



www.riddhiautomation.com



Our Products Range

- Servo Feeder
- Pneumatic Feeder
- Gripper Feeder
- Mechanical Roll Feed
- Decoiler Machine
- Hydraulic Decoiler
- Sheet Straightener Machine
- Sheet Leveler Machine
- Decoiler Cum Straightener
- Cradle Machine
- CTL (Cut to Length Line)
- Stracker Machine

PROBLEM-SOLVING IS ESSENTIAL TO ENGINEERING

Engineers are constantly on the lookout
for a better way to do things.

About Us

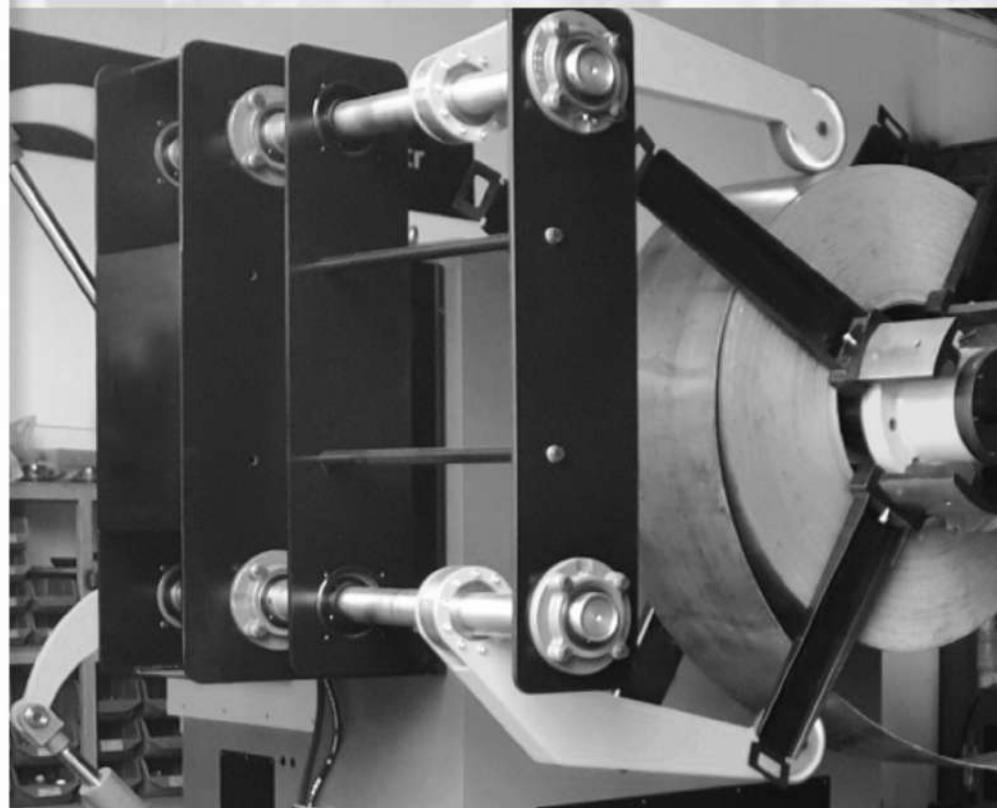
Riddhi Automation Founded as a Sole Proprietorship firm at Noida (Uttar Pradesh, India), we "Riddhi Automation" are the leading manufacturer and supplier of a qualitative gamut of Industrial Straightener, Decoiler Machine, Power Press Line, Decoiler Construction Machine, Servo Feeder, Hydraulic Decoiler, Heavy Duty Pneumatic Feeder, Double Head Decoiler Machine, Wire Cutter Machine, Wire Straightener, etc. These machines are manufactured using best quality components and highly appreciated for their hassle operations, high performance, durability and long life. Our organization is supervised by, "Mr. Katiyar Kumar" (Owner), who has immense industry experience and knowledge.

Why Us?

We have gained the reputation of being a respected organization, involved in providing high quality array of machines in varied technical specifications as per client's need. Features that have assisted us to carve a niche for ourselves in this domain are:

Our Infrastructure

We have an advanced infrastructural base that spreads over huge land area. In order to ensure systematic work flow, we have alienated our infrastructure unit into departments such as production, quality control, R&D and warehousing & packaging. Our infrastructural unit is furnished with latest machinery and tools that help us in fulfilling pressing requirements of clients within the assured time. The tools and machines installed at our production unit are upgraded on a regular basis as per the latest technological advancements.

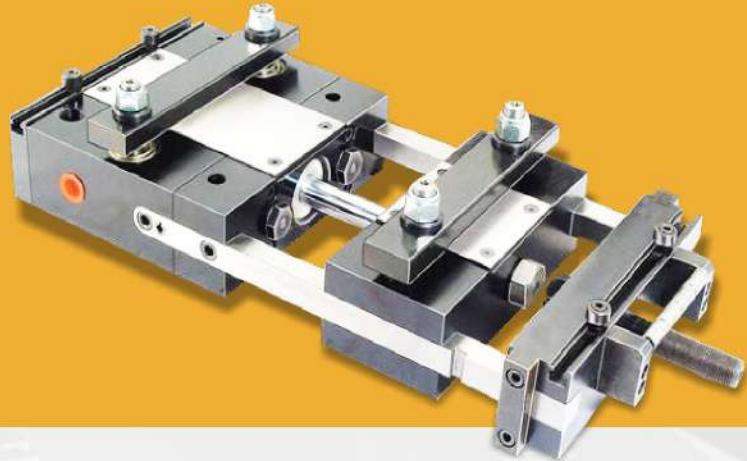


Pneumatic Feeder

Technical Data

Single Pulling (Heavy Duty)

Model	Strip Width-Max	Strock Length-Max	Strip Thickness-Max	Speed/Min
RPF-100x50	100	50mm	0 to 3mm	100 to 120
RPF-100x100	100	100mm	0 to 2.5mm	90 to 100
RPF-100x150	100	150mm	0 to 2.5mm	80 to 100
RPF-150x100	150	100mm	0 to 2.5mm	90 to 110
RPF-150x150	150	150mm	0 to 2.5mm	90 to 100
RPF-200x100	200	100mm	0 to 2mm	90 to 110
RPF-200x200	200	200mm	0 to 2mm	60 to 80
RPF-300x200	300	200mm	0 to 2mm	60 to 80
RPF-300x300	300	300mm	0 to 2mm	40 to 60



Double Pulling (Heavy Duty)



Model	Type Cylinder	Width-mm	Strip Thickness-mm	Strock Length-mm	Speed /mm
RPF-200x100	Double Pulling	200	2 to 3.5 mm	100	90 to 110
RPF-200x200	Double Pulling	200	2 to 3.5 mm	200	60 to 80
RPF-300x200	Double Pulling	300	2 to 3.5 mm	200	60 to 80
RPF-300x300	Double Pulling	300	2 to 3.5 mm	300	40 to 60
RPF-300x400	Double Pulling	300	2 to 3.5 mm	400	40 to 60
RPF-400x200	Double Pulling	400	2 to 3.5 mm	200	30 to 50
RPF-400x400	Double Pulling	400	2 to 3.5 mm	400	30 to 50
RPF-500x200	Triple Pulling	500	2 to 4.5 mm	200	60 to 80
RPF-500x400	Triple Pulling	500	2 to 4.5 mm	400	30 to 50
RPF-600x200	Triple Pulling	600	2 to 4.5 mm	200	60 to 80
RPF-600x400	Triple Pulling	600	2 to 4.5 mm	400	30 to 50

Servo Feeder

Technical Data

Model	Sheet Width	Sheet Thickness	Standard Size (0.2-1.0)	A Size (2.0)	B Size (3.2)	Feed Length	Feed Speed	Motor	Power Supply	Pass Line
RSF -100	100	0.2-3.2	100	90	40	9999.99	20-30	AC 0.4	415V	70-170
RSF -200	200	0.2-3.2	200	180	80	999.99	20-30	AC 0.75	415V	70-170
RSF -300	300	0.2-3.2	300	280	100	999.99	20-30	AC 0.85	415V	70-170
RSF -400	400	0.2-3.2	400	300	120	999.99	20-30	AC 1.3	415V	70-170
RSF -500	500	0.2-3.2	500	350	150	999.99	20-30	AC 1.3	415V	70-170
RSF -600	600	0.2-3.2	600	400	180	999.99	20-30	AC 1.8	415V	70-170
RSF -700	700	0.2-3.2	700	450	210	999.99	20-30	AC 1.8	415V	70-190
RSF -800	800	0.2-3.2	800	480	240	999.99	20-30	AC 2.9	415V	70-190
RSF -1000	1000	0.2-3.2	1000	550	280	999.99	20-30	AC 4.4	415V	70-190
RSF -1300	1300	0.2-3.2	1300	650	320	999.99	20-30	AC 5.5	415V	70-190
RSF -1600	1600	0.2-3.2	1600	700	360	999.99	20-30	AC 7.5	415V	70-190



Riddhi Paper & Foil Feeder

Technical Data

Model	Width	Motor	Speed	Metal
RPFF-01	100mm	0.5 kw	20 to 25 / min	Aluminum / Paper
RPFF-02	150mm	0.5 kw	20 to 25 / min	Aluminum / Paper
RPFF-03	200mm	0.75 kw	20 to 25 / min	Aluminum / Paper
RPFF-04	300mm	0.75 kw	20 to 25 / min	Aluminum / Paper
RPFF-05	350mm	0.75 kw	20 to 25 / min	Aluminum / Paper
RPFF-06	400mm	1 kw	15 to 20 / min	Aluminum / Paper
RPFF-08	500mm	1 kw	15 to 20 / min	Aluminum / Paper
RPFF-09	600mm	1 kw	15 to 20 / min	Aluminum / Paper

Riddhi Gripper

Feature

- Round guides with linear bushing
- capability to mount to any type of press
- Transmission oiling by grass nipple
- Lubrication oiling by grass nipple.
- Accuracy +0.025mm with mechanical pilot synchronization
- Easy setting to pitch length
- All adjustment are easily on power press.
- 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.
- Cascade roll basket.

Technical Data

Model	Width	Pitch	Thickness	Speed
RGF-13	130 mm	130 mm	8mm	15 to 20 min
RGF-20	200 mm	200 mm	8mm	15 to 20 min
RGF-23	200 mm	300 mm	8mm	15 to 20 min
RGF-42	400 mm	200 mm	8mm	15 to 20 min
RGF-52	500 mm	200 mm	8mm	15 to 20 min



Brand : Riddhi Automation
Function : High speed feeding in press
Feature : Stamping line & electrical line
Product : Roll Feed

High Speed Mechanical Roll Feeder

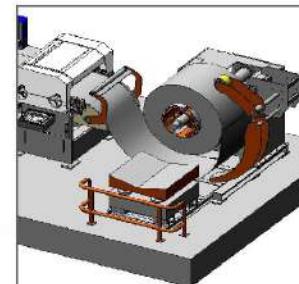
Technical Data

Model	Pitch Length	Max. Coil Width	Thickness	Mould Line Height (mm)
RRF-100x50	50 mm	100 mm	0.1-1.6mm	55 to 100
RRF-200x50	50 mm	200 mm	0.1-1.6mm	55 to 100
RRF-300x50	50 mm	300 mm	0.1-1.6mm	55 to 100
RRF-130x100	100 mm	130 mm	0.1-3.5mm	70 to 140
RRF-200x100	100 mm	200 mm	0.1-3.5mm	70 to 140
RRF-300x100	100 mm	300 mm	0.1-3.5mm	70 to 140
RRF-200x150	150 mm	200 mm	0.1-3.5mm	70 to 140
RRF-300x150	150 mm	300 mm	0.1-3.5mm	70 to 140
RRF-130x200	200 mm	130 mm	0.1-3.5mm	70 to 140
RRF-200x200	200 mm	200 mm	0.1-3.5mm	70 to 140
RRF-300x300	300 mm	300 mm	0.1-3.5mm	70 to 140

Coil Car

Technical Data

Model	Weight mm	Power	Capacity	Power Pack
RCC-3	1250 mm	Hydraulic	3 Tone	3 HP
RCC-5	1250 mm	Hydraulic	5 Tone	3 HP
RCC-8	1250 mm	Hydraulic	8 Tone	5 HP
RCC-10	1250 mm	Hydraulic	10 Tone	7.5 HP
RCC-12	1650 mm	Hydraulic	12 Tone	10 HP
RCC-15	1650 mm	Hydraulic	15 Tone	12.5 HP



Sheet Straighter Machine

- Suitable for sheet metal coil width 100 to 1600 from 0.2 to 1.5 & 2.5mm
- Using for sheet metal straight to feed in power press

Technical Data

Model	Thickness	Width	Roll Dia	Pics.	Motor Power	Speed
RSM-100 (M)	0.2mm	100mm	45mm	14 Pcs.	1hp	15 to 20 mtr.
RSM-100 (H)	0.5 to 2.5mm	100mm	60mm	11 Pcs.	2hp	15 to 20 mtr.
RSM-100 (H)	0.5 to 2.5mm	200mm	60mm	11 Pcs.	2hp	15 to 20 mtr.
RSM-300	0.5 to 2.5mm	300mm	60mm	11 Pcs.	2hp	15 to 20 mtr.
RSM-400	0.5 to 2.5mm	400mm	60mm	11 Pcs.	2hp	15 to 20 mtr.
RSM-500	0.5 to 2.5mm	500mm	80mm	11 Pcs.	3hp	15 to 20 mtr.
RSM-600	0.5 to 2.5mm	600mm	80mm	11 Pcs.	3hp	15 to 20 mtr.
RSM-1800	0.5 to 1.5mm	800mm	80mm	11 Pcs.	3hp	15 to 20 mtr.
RSM-1000	0.5 to 1.5mm	1000mm	100mm	11 Pcs.	5hp	15 to 20 mtr.
RSM-1250	0.5 to 1.5mm	1250mm	100mm	11 Pcs.	7.5hp	15 to 20 mtr.
RSM-1600	0.5 to 1.5mm	1600mm	100mm	11 Pcs.	12.5hp	15 to 20 mtr.

Components Lever Machine

Technical Data

Size	Thickness	Tolerance	Power
100	1 to 3	20 to 30 Micro	3 Phases AC
200	1 to 3	20 to 30 Micro	3 Phases AC
300	1 to 3	20 to 30 Micro	3 Phases AC
400	1 to 3	20 to 30 Micro	3 Phases AC
500	1 to 3	20 to 30 Micro	3 Phases AC
600	1 to 3	20 to 30 Micro	3 Phases AC



Straicker Machine

Hydraulic stackers are ideal for loading and unloading items from vehicles/racking. Liftings is controlled by a hydraulic pump which can be either hand operated or foot operated. Mobile on 2 swivel 180mm braked nylon castor's with wheel guards and 2 tandem 80mm nylon front rollers. Finish – yellow and black epoxy powder coated. 1000kg capacity. Tested to EN-1757-1.2001. Adjustable forks. Maximum lift 1600mm. Lowered fork height 90mm. Width over fork up to 50mm.

De-coiler Machine



Decoiler Machine



Heavy duty decoiler machine



Bevel gear decoiler machine

Feature

- Suit for the thickness of metal coil sheet 0.1mm to 2.5mm coil width 600mm
- Worked with feeder is sheet metal
- Perfect for sheet coil handling
- The outer surface of very good
- Material & being with shaft
- Quality is best with manual expansion

Technical Data

Model	Width	Width	Thickness	ID	OD / Speed mtr	Expansion	Power
RDM-100	500kg	100mm	1-2.5	350 to 550	1200mm / 16-20 mtr.	Manual	1 hp
RDM-200	600kg	200mm	1-2.5	350 to 550	1200mm / 16-20 mtr.	Manual	1 hp
RDM-300	500kg	300mm	1-2.5	350 to 550	1200mm / 16-20 mtr.	Manual	1 hp
RDM-400	1000kg	400mm	1-2.5	350 to 550	1200mm / 16-20 mtr.	Manual	2 hp
RDM-500	1000kg	500mm	1-2.5	350 to 550	1200mm / 16-20 mtr.	Manual	2 hp
RDM-600	1000kg	600mm	1-2.5	350 to 550	1200mm / 16-20 mtr.	Manual	2 hp
RDM-50 BG	50kg	70-100mm	1-2.5	100 to 550	1200mm / 16-20 mtr.	Manual	0.5 hp
RDM-100 BG	100 to 200kg	30-100mm	1-2.5	150 to 550	1200mm / 16-20 mtr.	Manual	0.5 hp

Double Head Decoiler

Technical Data

Model	Weight Carrying	Width	Internal Dia	Outer Dia	Motor (HP)
RDM-200DS	500kg/side	200mm	350-550	1200	2HP
RDM-300DS	500kg/Side	300mm	350-550	1200	2HP
RDM-400DS	1000kg/Side	400mm	350-550	1200	3HP
RDM-500DS	1500kg/Side	500mm	350-550	1200	5HP
RDM-600DS	1500kg/Side	600mm	350-550	1200	5HP



Hydraulic de-Coiler machine

Technical Data

Model	Width	Thickness	Coil Weight	Power
RHDM-600	600	1.3 mm	3 tons	3 HP/3 Phase
RHDM-800	800	1.3 mm	3 tons	3 HP/3 Phase
RHDM-800	800	1.3 mm	3 tons	5 HP/3 Phase
RHDM-1000	1000	1.3 mm	3 tons	5 HP/3 Phase
RHDM-1200	1200	1.3 mm	3 tons	7.5 HP/3 Phase
RHDM-1600	1600	1.3 mm	3 tons	10 HP/3 Phase
RHDM-1600	1600	1.3 mm	3 tons	15 HP/3 Phase

Decoiler Cum Straightener Machine

Feature

- Staible for mast of coil material, including HR, CR, aluminium, stainless steel, plastic etc.
- RDS model achieve the maximum use of precious space by decoiler & straightener together
- Coil is centered by manual or hydraulic expansion of the jaw
- High hardness rolls heat treated alloy steel 353 grad with hardness 50 to 60 HRM
- Use friendly operation system as well as advance automatic technologies



Technical Data

Model	Width	Thickness	Coil Weight	Rolls Dia	Expansion	Speed/Min	Reducer / Power
RDS-100	100mm	0.2 to 300	500 kg	60mm	Manual / Hydraulic	15 to 20 mtr.	2hp / 30:1
RDS-200	200mm	0.2 to 300	500 kg	60mm	Manual / Hydraulic	15 to 20 mtr.	2hp / 30:1
RDS-300	300mm	0.2 to 300	500 kg	60mm	Manual / Hydraulic	15 to 20 mtr.	3hp / 30:1
RDS400	400mm	0.2 to 300	1000 kg	60mm	Manual / Hydraulic	15 to 20 mtr.	3hp / 30:1
RDS-500	500mm	0.2 to 300	1500kg	80mm	Manual / Hydraulic	15 to 20 mtr.	5hp / 30:1
RDS-600	600mm	0.2 to 300	2000 kg	80mm	Manual / Hydraulic	15 to 20 mtr.	5hp / 30:1



Cradle Machine

Feature

- Rcm Model Is Riddhi Automation Combined Decoiler Straightener Machine Specially Made For Small Inner Dia Meter Metal Coil
- It Accepts Coil I.d. From 50mm To 550mm Sheet Thickness from 2mm to 3mm
- Easy to Operate And Maintain

Technical Data



Model	Width	Thickness	Coil Weight	Speed /min	Power & Reducer	Operation
RCM-50	50mm	0.2 to 2.5mm	200 kg	15 to 20 mtr.	2hp / 30:1	Sensor / Limit
RCM-100	100mm	0.5 to 3mm	500 kg	15 to 20 mtr.	2hp / 30:1	Sensor / Limit
RCM-200	200mm	0.5 to 3mm	500 kg	15 to 20 mtr.	3hp / 30:1	Sensor / Limit
RCM-300	300mm	0.5 to 3mm	500 kg	15 to 20 mtr.	3hp / 30:1	Sensor / Limit
RCM-400	400mm	0.5 to 3mm	1000 kg	15 to 20 mtr.	3hp / 30:1	Sensor / Limit
RCM-500	500mm	0.5 to 3mm	1500 kg	15 to 20 mtr.	5hp / 30:1	Sensor / Limit
RCM-500	500mm	0.5 to 2mm	2000 kg	15 to 20 mtr.	5hp / 30:1	Sensor / Limit

CTL Line Machine

Technical Data

Model	Width	Thickness	Coil Weight	Speed / Mtr.	Operation
RCTL-6	600	0.0 to 6mm	5 Ton	20 to 30/min	Photo Electric Switch
RCTL-8	800	0.0 to 6mm	5 Ton	20 to 30/min	Photo Electric Switch
RCTL-10	1000	0.0 to 4mm	8 Ton	20 to 30/min	Photo Electric Switch
RCTL-12.50	1250	0.0 to 3mm	12 Ton	20 to 30/min	Photo Electric Switch
RCTL-16.50	1650	0.0 to 3mm	20 Ton	20 to 30/min	Photo Electric Switch



S-Loop Type Straightener



Technical Data

Model	Width	Thickness	Power	Control	Speed
R-SLS	100	-	1hp	Photo Electric	15 to 20 mtr.
R-SLS	200	0.3 to 1.2mm	1hp	Photo Electric	15 to 20 mtr.
R-SLS	300	0.3 to 1.2mm	2hp	Photo Electric	15 to 20 mtr.
R-SLS	400	0.3 to 1.2mm	2hp	Photo Electric	15 to 20 mtr.
R-SLS	500	0.3 to 1.2mm	2hp	Photo Electric	15 to 20 mtr.



**RIDDHI
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