



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.

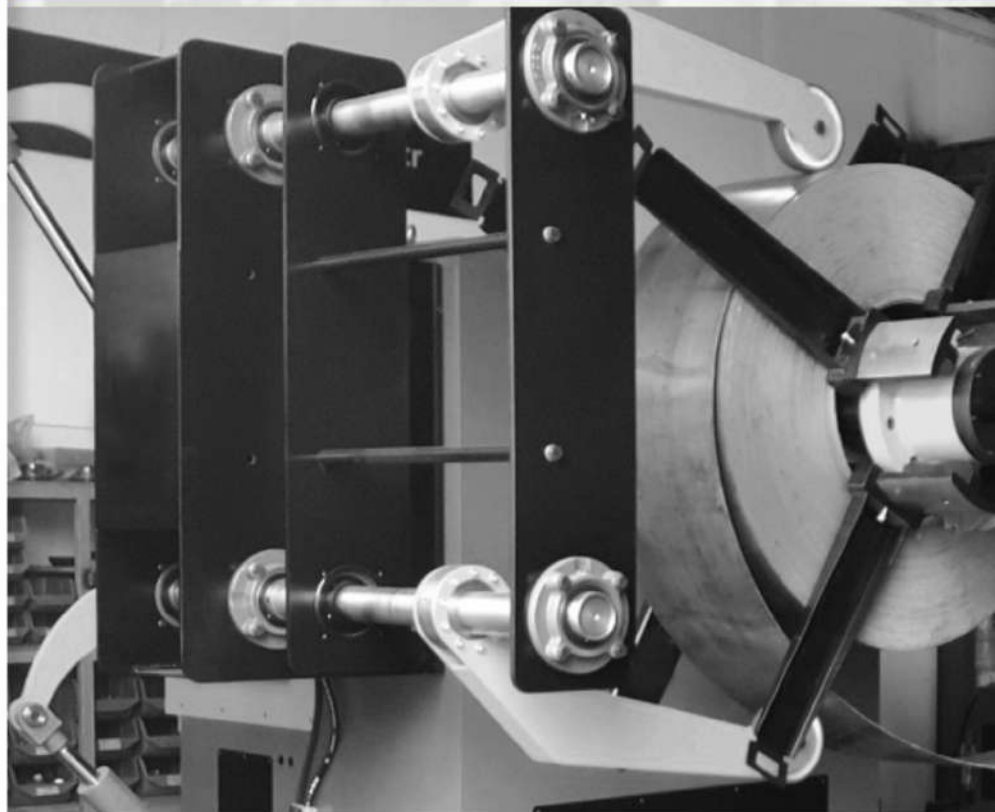
Riddhi Automation Founded as a Sole Proprietorship firm at Noida (Uttar Pradesh, India), we "Riddhi Automation" are the leading manufacturer and supplier of a qualitative gamut of Industrial Straightener, Decoiler Machine, Power Press Line, Decoiler Construction Machine, Servo Feeder, Hydraulic Decoiler, 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 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.

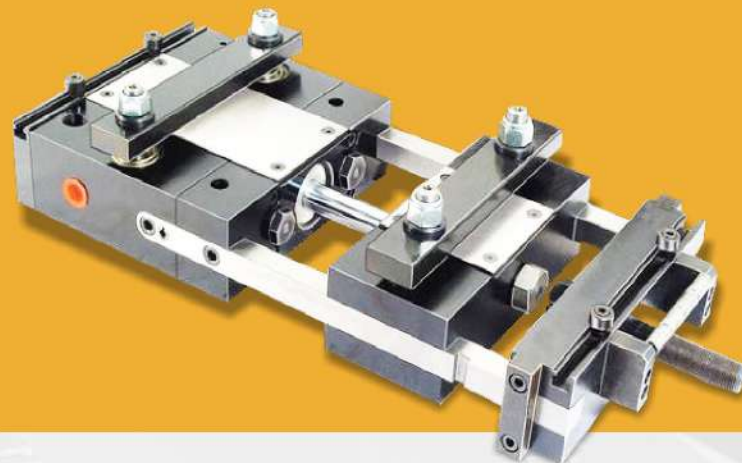


Pneumatic Feeder

Technical Data

Single Pulling (Heavy Duty)

| Model | Strip Width-Max | Stroke 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 | Stroke 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

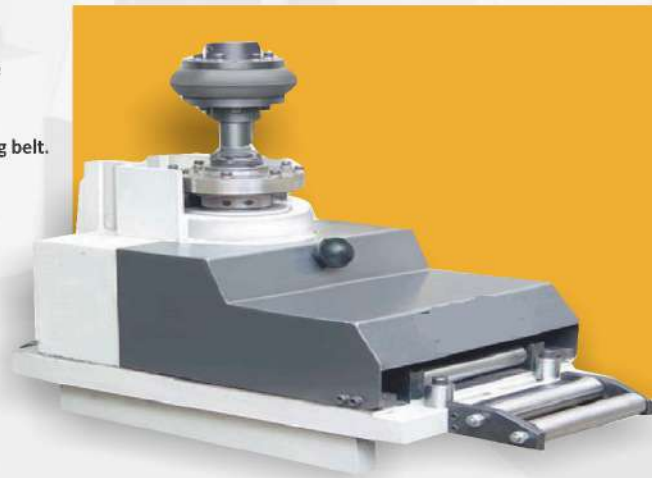
| Model | Width | Motor | Speed | Metal |
|---------|-------|---------|----------------|------------------|
| RPFF-01 | 100mm | 0.5 kw | 20 to 25/ min | Aluminum / Paper |
| RPFF-02 | 150mm | 0.5 kw | 20 to 25/ min | Aluminum / Paper |
| RPFF-03 | 200mm | 0.75 kw | 20 to 25/ min | Aluminum / Paper |
| 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 |

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 |



High Speed Mechanical Roll Feeder



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

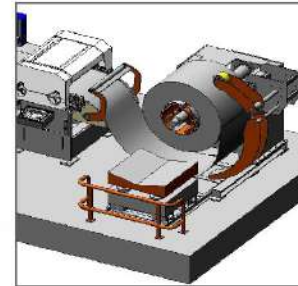
Technical Data

| 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 |



- 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

Sheet Straightener Machine

- original motor, gearbox, panel accessories & metal 353 grade
- roller hardness 58 to 60 HRM wear resistance smoothly coil handling with straight

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 |



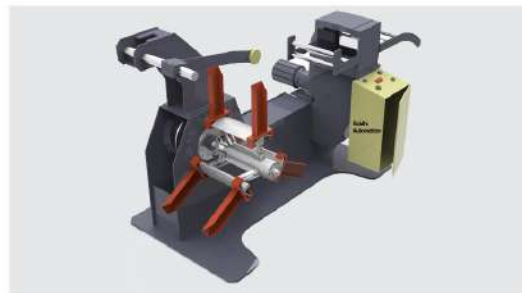
Decoiler Cum Straightener Machine

Feature

- Stable for most 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 |



Feature

- Rcm Model Is Riddhi Automation Combined Decoiler Straightener Machine Specially Made For Small Inner Dia Meter Metal Coil

Cradle Machine

- 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 | Thicknes | 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. |



Karotiya Advt. : +91-9911117158



**RIDDHI
AUTOMATION**

Add. : E-119, Sector-7, Noida, (U.P.) // Mob. : +91-9718761426, 7827787894, 9717204727
E-mail : riddhifeeders986@gmail.com // www.riddhiautomation.com