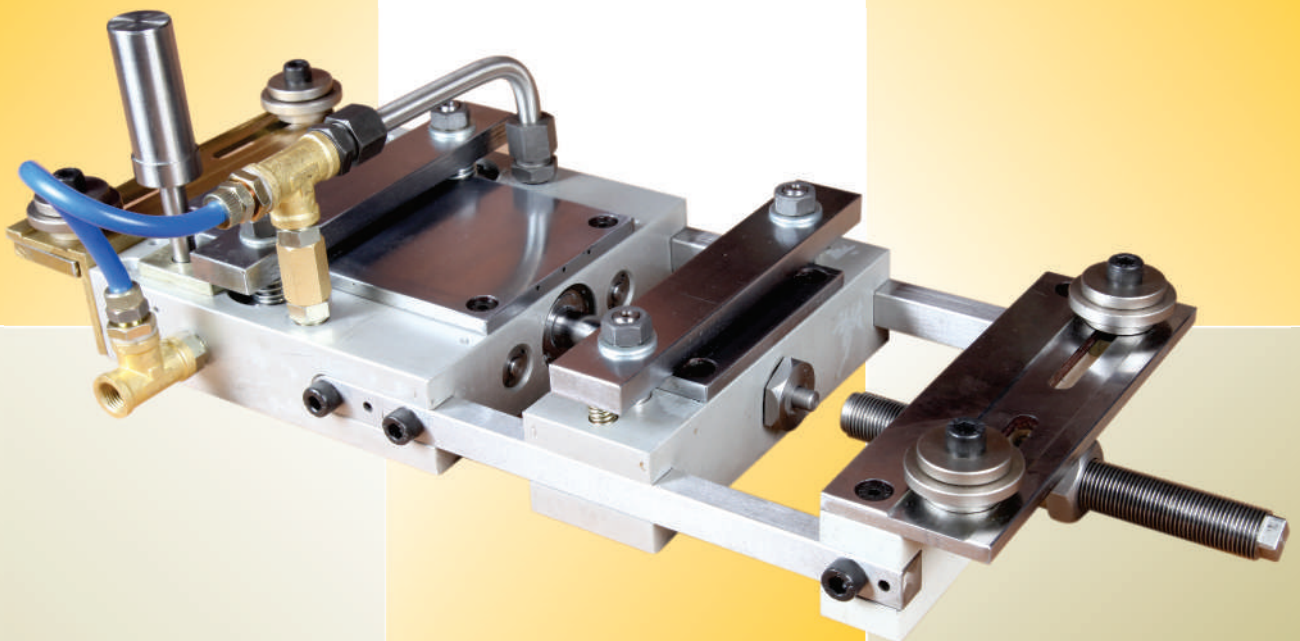


Pneumatic Feeder

High Quality Product for
Coil-Feeding in Press-Room



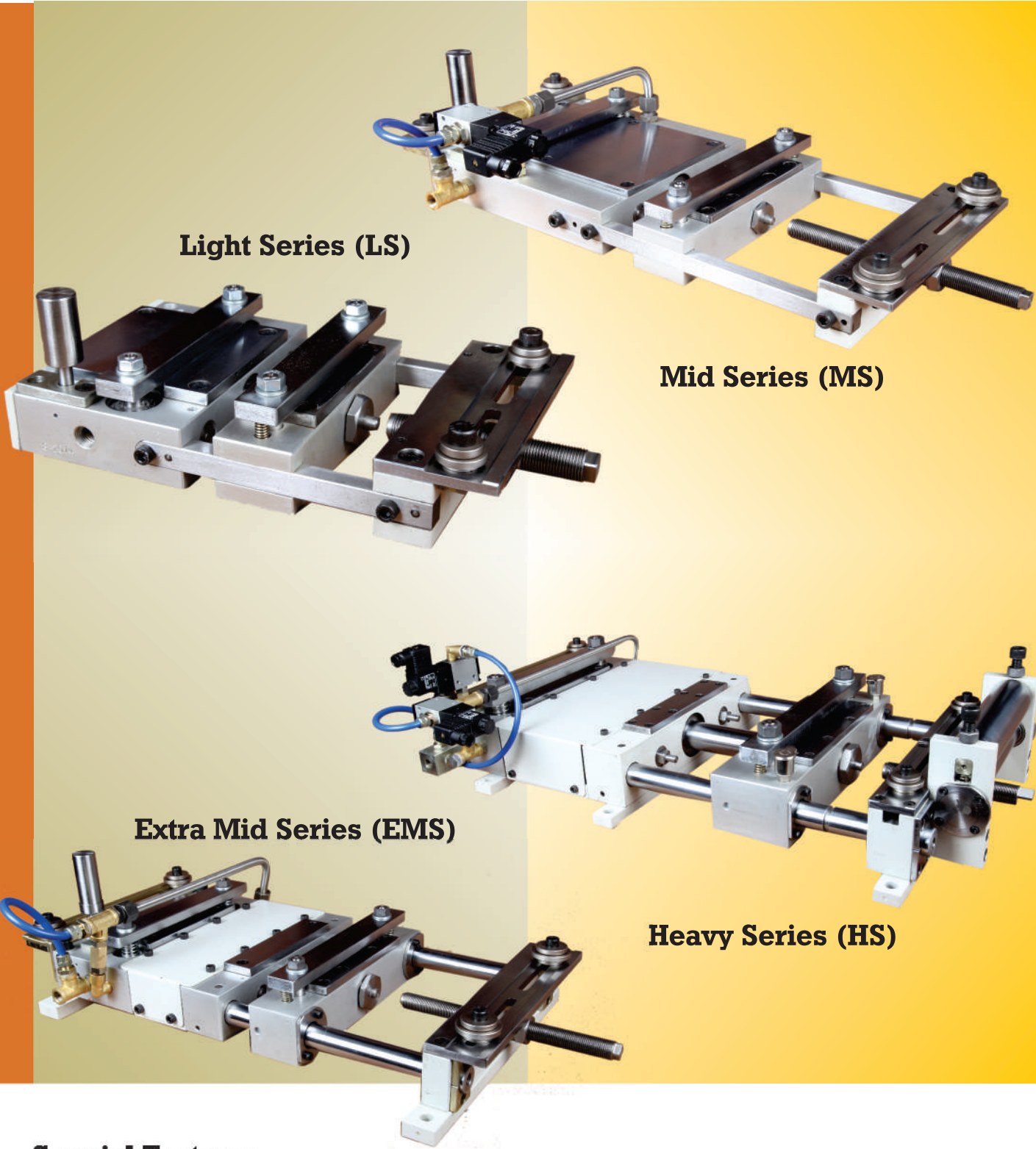
The main constructional characteristics of Press Room feeders are

- **Rigid & Strong Structure** with minimal wear characteristics, mounted as close as possible to the die set or on the die in case of thin strips
- **Durability** (all sliding components are hardened or hard-chrome plated - pistons in stainless steel - hard brass cylinder lines to avoid oxidation problem)
- **Very High Pitch Accuracy** because of powerful front and rear shock absorbers
- **Quiet**
- **Low Air Consumption & Inexpensive**
- **Simple Installation** (it is an interchangeable component from one die set to the other)



Pneumatic Feeders to meet new competitive challenges
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. Working on customer relations management theory, we offer a complete package of problem solving solution. Our field experience staff can help in setting your complete line & can guide you to select the perfect equipments & tooling. **Press Room Pneumatic Feeders** made from special alloy aluminium & are made in a modular way for automatic feeding of metallic & non metallic strips including paper, plastic, fiber, wires, tubing, extruded material. Technically advanced design, selection of finest material, combined with strict quality control manufacturing, has resulted in most reliable air feeds for Indian Tough Condition. Models available uptill 600mm wide, 5mm thick, 600mm pitch / stroke length.



Special Features

- Accuracy ± 0.02mm to ± 0.04mm achieved in proper working conditions.
- Built in pilot release arrangement.
- 100% Additional Performance.

| Light Series (LS) | | | | | | | | | |
|-------------------|-----------------|-------------------------|----------------------------|-----------------------|----------------------------|-------------------------------|--------------------|-----------------------------|------------|
| Model | Max Width in mm | Max Stroke Length in mm | Max Stroke Thickness in mm | Max Stroke Per Minute | Pressure of Fix Clamps Kg. | Pressure of Moving Clamps Kg. | Traction Force Kg. | Total Consumption CC/Stroke | Weight Kg. |
| LS 50 x 50 | 50 | 50 | 1 | 220 | 44 | 92 | 19 | 0.18 | 4.750 |
| LS 100 x 50 | 100 | 50 | 0.5 | 200 | 44 | 92 | 19 | 0.18 | 6.750 |

| Mid Series (MS) | | | | | | | | | |
|-----------------|-----------------|-------------------------|----------------------------|-----------------------|----------------------------|-------------------------------|--------------------|-----------------------------|------------|
| Model | Max Width in mm | Max Stroke Length in mm | Max Stroke Thickness in mm | Max Stroke Per Minute | Pressure of Fix Clamps Kg. | Pressure of Moving Clamps Kg. | Traction Force Kg. | Total Consumption CC/Stroke | Weight Kg. |
| MS 50 x 50 | 50 | 50 | 2.0 | 200 | 65 | 137 | 35 | 0.28 | 7.5 |
| MS 100 x 100 | 100 | 100 | 1.8 | 140 | 65 | 137 | 35 | 0.56 | 11.5 |
| MS 100 x 150 | 100 | 150 | 1.6 | 100 | 65 | 137 | 35 | 0.84 | 14.0 |
| MS 150 x 50 | 150 | 50 | 1.8 | 140 | 65 | 137 | 35 | 0.28 | 10.5 |
| MS 150 x 150 | 150 | 150 | 1.5 | 100 | 65 | 137 | 35 | 0.84 | 17.0 |
| MS 200 x 100 | 200 | 100 | 0.8 | 100 | 65 | 137 | 35 | 0.56 | 20.0 |
| MS 300 x 100 | 300 | 100 | 0.5 | 80 | 65 | 137 | 35 | 0.56 | 23.5 |

| Extra Mid Series (EMS) | | | | | | | | | |
|------------------------|-----------------|-------------------------|----------------------------|-----------------------|----------------------------|-------------------------------|--------------------|-----------------------------|------------|
| Model | Max Width in mm | Max Stroke Length in mm | Max Stroke Thickness in mm | Max Stroke Per Minute | Pressure of Fix Clamps Kg. | Pressure of Moving Clamps Kg. | Traction Force Kg. | Total Consumption CC/Stroke | Weight Kg. |
| EMS 100 x 100 | 100 | 100 | 2.0 | 140 | 65 | 137 | 40 | 0.77 | 18.5 |
| EMS 150 x 150 | 150 | 150 | 1.8 | 100 | 65 | 137 | 40 | 1.54 | 23.0 |
| EMS 225 x 200 | 225 | 200 | 1.2 | 80 | 65 | 137 | 40 | 1.73 | 30.0 |
| EMS 300 x 300 | 300 | 300 | 0.5 | 60 | 65 | 137 | 40 | 2.31 | 37.0 |
| EMS 400 x 100 | 400 | 100 | 0.7 | 80 | 65 | 137 | 40 | 0.77 | 42.5 |
| EMS 600 x 100 | 600 | 100 | 0.5 | 60 | 65 | 137 | 40 | 0.77 | 51.0 |

| Heavy Series (HS) | | | | | | | | | |
|-------------------|-----------------|-------------------------|----------------------------|-----------------------|----------------------------|-------------------------------|--------------------|-----------------------------|------------|
| Model | Max Width in mm | Max Stroke Length in mm | Max Stroke Thickness in mm | Max Stroke Per Minute | Pressure of Fix Clamps Kg. | Pressure of Moving Clamps Kg. | Traction Force Kg. | Total Consumption CC/Stroke | Weight Kg. |
| HS 125 x 100 | 125 | 100 | 4.0 | 100 | 126 | 757 | 120 | 2.2 | 45.0 |
| HS 200 x 200 | 200 | 200 | 3.0 | 60 | 126 | 757 | 120 | 4.5 | 57.0 |
| HS 300 x 300 | 300 | 300 | 2.0 | 40 | 126 | 757 | 120 | 6.75 | 76.0 |
| HS 400 x 400 | 400 | 400 | 1.5 | 25 | 126 | 757 | 120 | 9.0 | 95.0 |

Air Pressure Required : 5 - 8 Bar

Note : Extra Mid Series & Heavy Series Feeders Due To Modular Manufacturing System Can Be Easily Modified To Bigger Feeding Lengths (100 / 200 / 300 / 400mm)

Technical specifications are indicative and subject to change to suit end application.

Infrastructure :

Press Room continuously upgrades its infrastructure to match the latest in technological advancements. This includes the best manufacturing machines with the most accurate measuring instruments and techniques. CNC Machines at our works include Hass UMC 750 - 5 Axis, TAKISHAWA 4 Axis Turn Mill Centre & Hexagon CMM Machine.



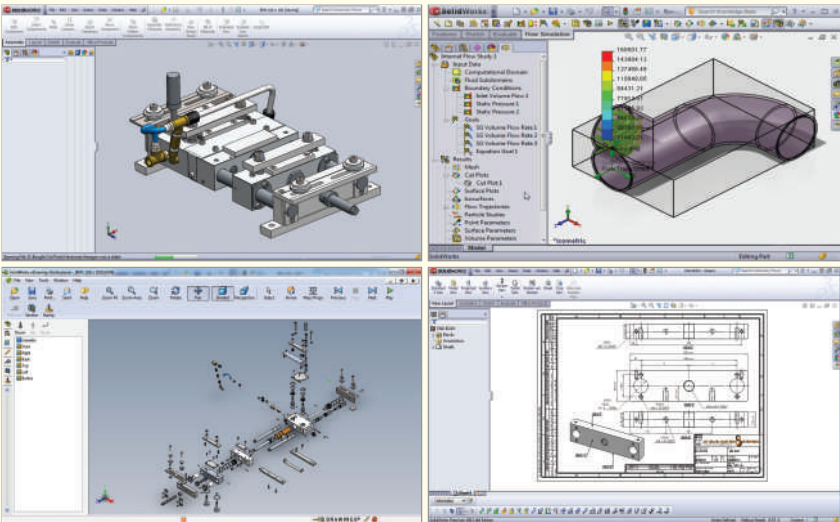
HASS UMC 750 MACHINE



HEXAGON CMM MACHINE



TAKISHAWA 4 AXIS TURN MILL CENTRE



Design

Press Room uses latest softwares like SolidWorks to design, test against real world conditions & get the same into production quickly & efficiently.

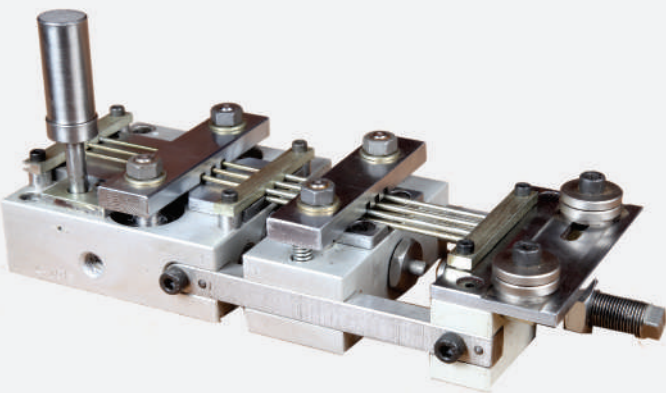
Part Modelling & Detail Engineering Drawing is done using SolidWorks or AutoCAD.

Complete 3D assembling & interference checking is done using SolidWorks Assembly.

Detail Exploded View & e-Drawings Conversion (for customers) so that maintenance & required spares can be ordered without any downtime.

Detail FEA analysis is done using SolidWorks Simulation & Flow Simulation.

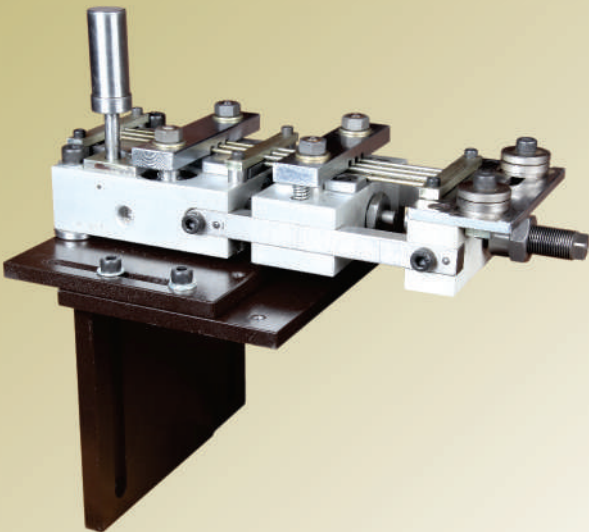
Optional Attachments



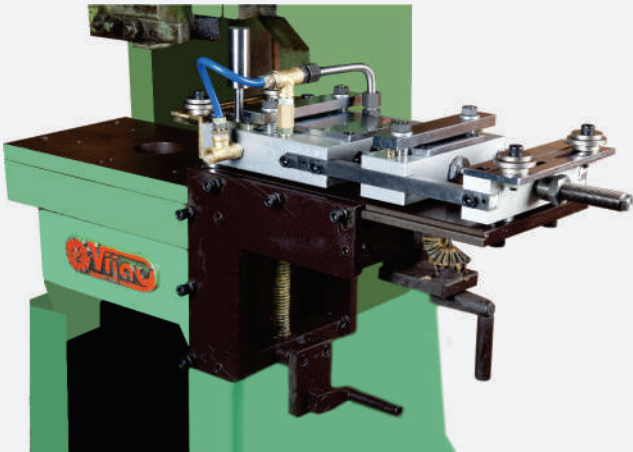
Thin Strip Guide
for feeding material from 0.1mm to 0.5mm



Cam, Proximity Sensor, Solenoid Valve, FRL, Tubing, Connectors, Shut Off Valve



Feeder with Plate type Stand
with manual x-y movement



Feeder with Universal Mounting Stand
with x-y movement to clamp feeder on press & progressive tooling



Adjustable Cascade Rolls
for smooth material flow at feeder inlet

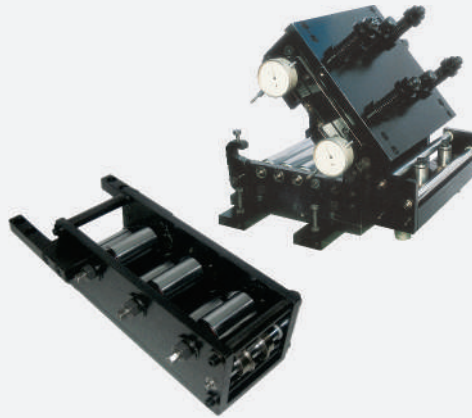


Control Panel
for Multistroking, Push Pull & Zig Zag Feeder application

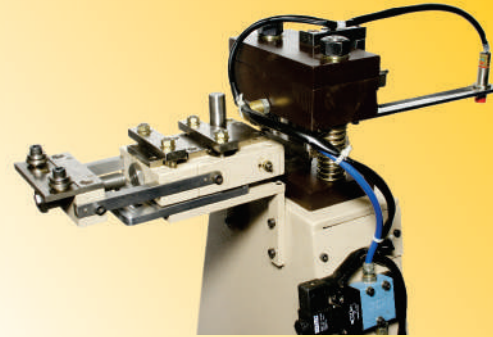
Other Equipments



Pull through Wire Straightener



Pull through Strip Straightener



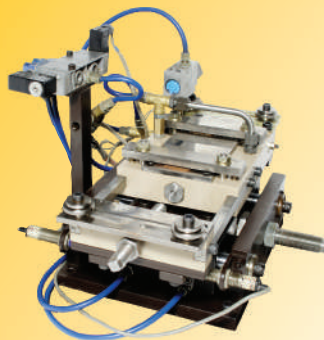
Feeder with Pneumatic Shear

Feeders for Different Applications



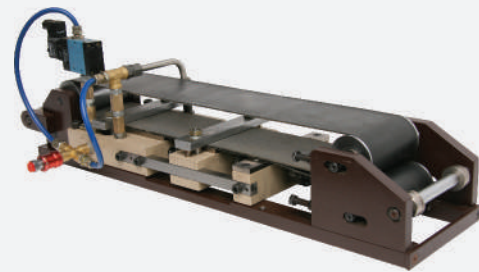
Extra Heavy Series Feeder

Along with Cascade Rolls & Trolley type height adjustable mounting stand



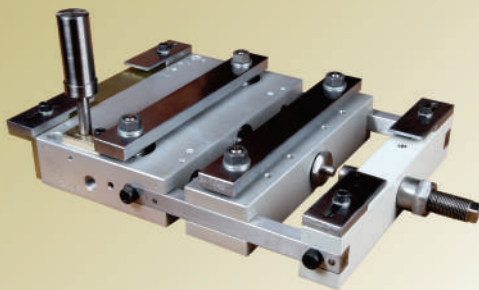
Zig Zag Feeder

To feed strip on single cavity tool for better material utilisation



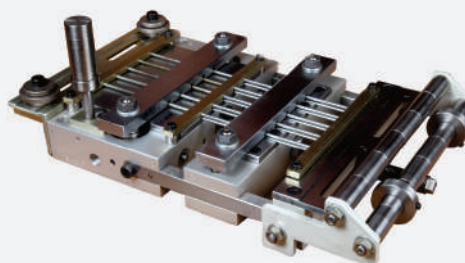
Belt Guide

For feeding flimsy material & material below 0.1mm



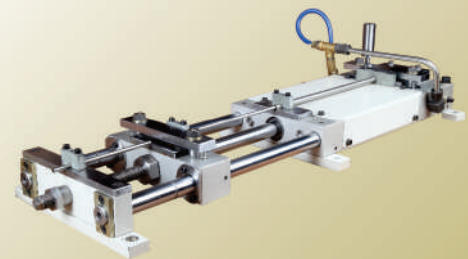
Pneumatic Feeder

for Wad or Cardboard Material

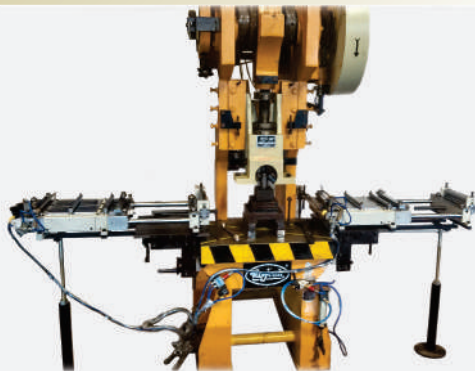


Pneumatic Feeder

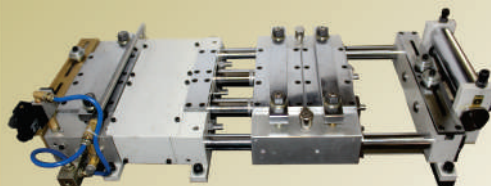
for Delicate Material



Pneumatic Wire Feeder

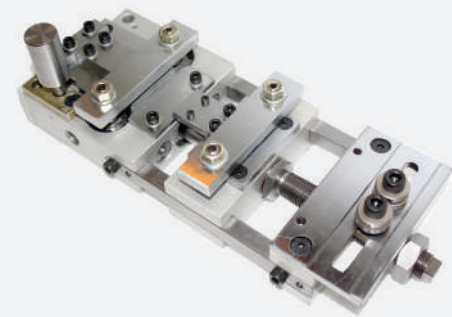


Push Pull Pneumatic Feeder



Pneumatic Feeder with 2 Pulling Cylinders & 2 Moving Grippers

for Heavy Thickness



Pneumatic Feeder with Plate type Guide