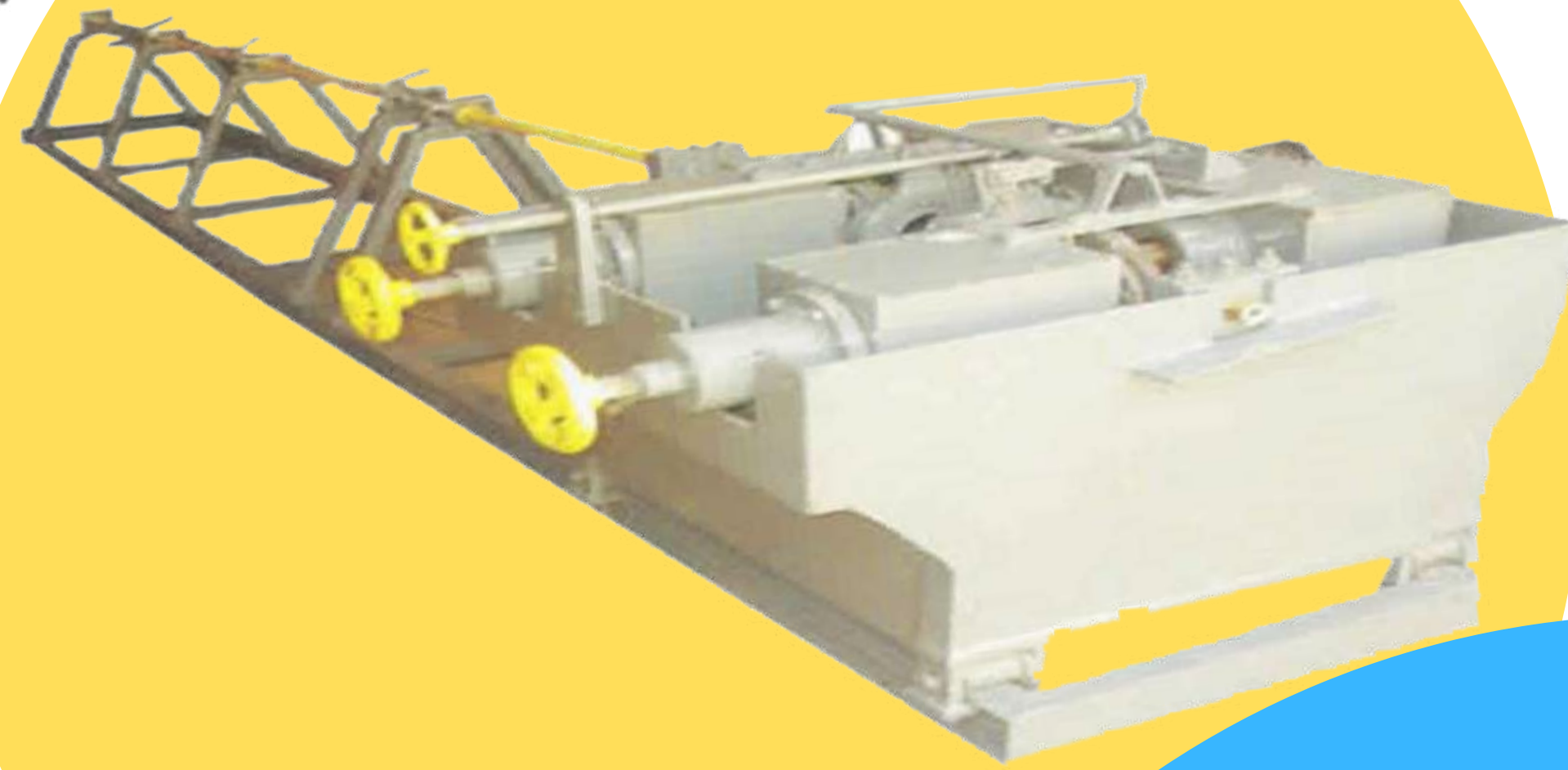




# TSA Industries





# COMPANY PROFILE



**TSA INDUSTRIES**, A Family Owned Enterprise founded in 1990 by Mr. J.S Viridi. We are one of the **LEADING MANUFACTURERS, SUPPLIERS & EXPORTERS** of Bright Bar Machines in India, according to International Standard. We have a team of experienced experts and technicians, which are equipped with advanced tools and machinery. Backed by a sturdy infrastructural set up, we are capable of meeting the ever-growing requirements of our vast clientele.

We are well integrated with manufacturing, R & D, quality testing and other facilities that give us a competitive edge over our competitors. Since last 29 years of the foundation, we have worked steadily to meet the needs of our customers by providing in each case our experience and all innovations and technological improvements. We have implemented, and upgraded their manufacturing capabilities with the time to meet international standards. All our Machines are as per latest manufacturing processes and quality systems as available in advance and developed countries. We mainly offer high and best quality products, our product range includes Combined Drawing Machine, Section Straightening Machine, Draw Bench Machine, Straightening Cutting off machine, Round Bar Straightening Machine, and Bar Pointing Machine. TSA INDUSTRIES believe in technology for tomorrow. We have been strictly following the perfect quality control system from material selecting, producing, and inspection to after-sales service. Our sophisticated manufacturing unit is installed with hi-tech machinery and latest equipment. In addition, a skilled team of professionals who work in coordination with each other to achieve optimum results supports us.

We have 25,000 Sq ft ground area with good infrastructure, and our production capacity is 20 machines per month. Backed by proficient high quality team, we are able to offer superior quality products. Quality service is our priority. Each and every product is passed through control and inspection according to relative customer's detailed requirements. We have the latest equipment's, perfect craftsmanship and scientific inspection skill. Every product is strictly inspected according to its international standard. We sincerely hope to establish good and long business relationship with all our Clients. We at TSA INDUSTRIES offer the latest quality systems and tools to meet international quality production. We have followed several measures to endlessly match international quality standards. Our main motive is to supply the products to our customers in a perfect condition to gain their trust. By using modern equipment and latest technology, we supply our products at attractive prices with unmatched quality. We value our customer satisfaction and in return, to earn immense honor. This could be possible only by our uncompromising quality control system, faster and smoother execution of orders along with our exclusive products range. Since Quality product is our main motto so, we are committed to:

- Improving quality standards continuously. Developing innovative processes, products & services to match changing trends and customer requirements. Upgrading technical knowledge and skill-sets to deliver Best Quality products.



# OUR MACHINES

1. Combined Drawing Machine (Drum Type)

2. Combined Drawing Machine (Carriage Type)

3. Draw Bench Machine

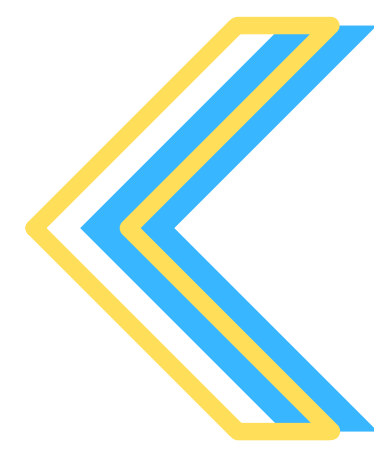
4. Round Bar Straightening Machine

5. Section Straightening Machine

6. Straightening Cutting Off Machine

7. Bar Pointing Machine





# Combine Drawing Machine (Drum Type)



Backed by profound experience of our experts, we are an unparalleled name engaged in manufacturing high quality assortment of Drawing Straightening Cutting And Disc Polishing Machine.

## Introduction:

Combine Drawing straightening, cutting, Polishing is first of its kind manufactured indigenously for Cold Bright Bar Drawing. It gives Bright Bar Drawing, straightening of any rolled, Drawn, Ferrous or Non Ferrous solid section in cold condition. This machine is engineered to give trouble free long life.

## Features :

- Superior functionality
- Excellent performance
- Hassle free operations

## Capacities:

MODEL	TSA-10	TSA-16	TSA-20
Size of Bar Drawn	3-10mm	5-16mm	8-20mm
Motor (Total HP)	34	48.5	95
Drawing Speed in m/min	70	70	60



Disc Polishing Machine



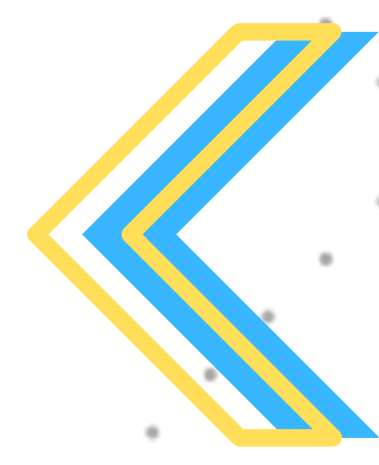
Wire Drum Unit



Coil Stand



Straightening & Cutting unit



# Combined Drawing Machine (Carriage Type)



Drawing Unit (Carriage type)

## Introduction

Combine drawing straightening, cutting, polishing (Schumag Machine) is first of its kind manufactured indigenously for cold bright bar drawing.

It gives bright bar drawing, straightening of any rolled, drawn, ferrous or non ferrous solid section in cold Condition.

This machine is engineered to provide trouble free operation. We are actively engaged in manufacturing an extensive range of Schumag Type-Combined Drawing Machine for catering the diversified requirements of our clients.

## Capacity:

3-12mm, 5-16 mm, 8-20mm, 16-25mm,10-25mm



Verticle/Horizontal Straightening Unit



# Combined Drawing Machine (Carriage Type)

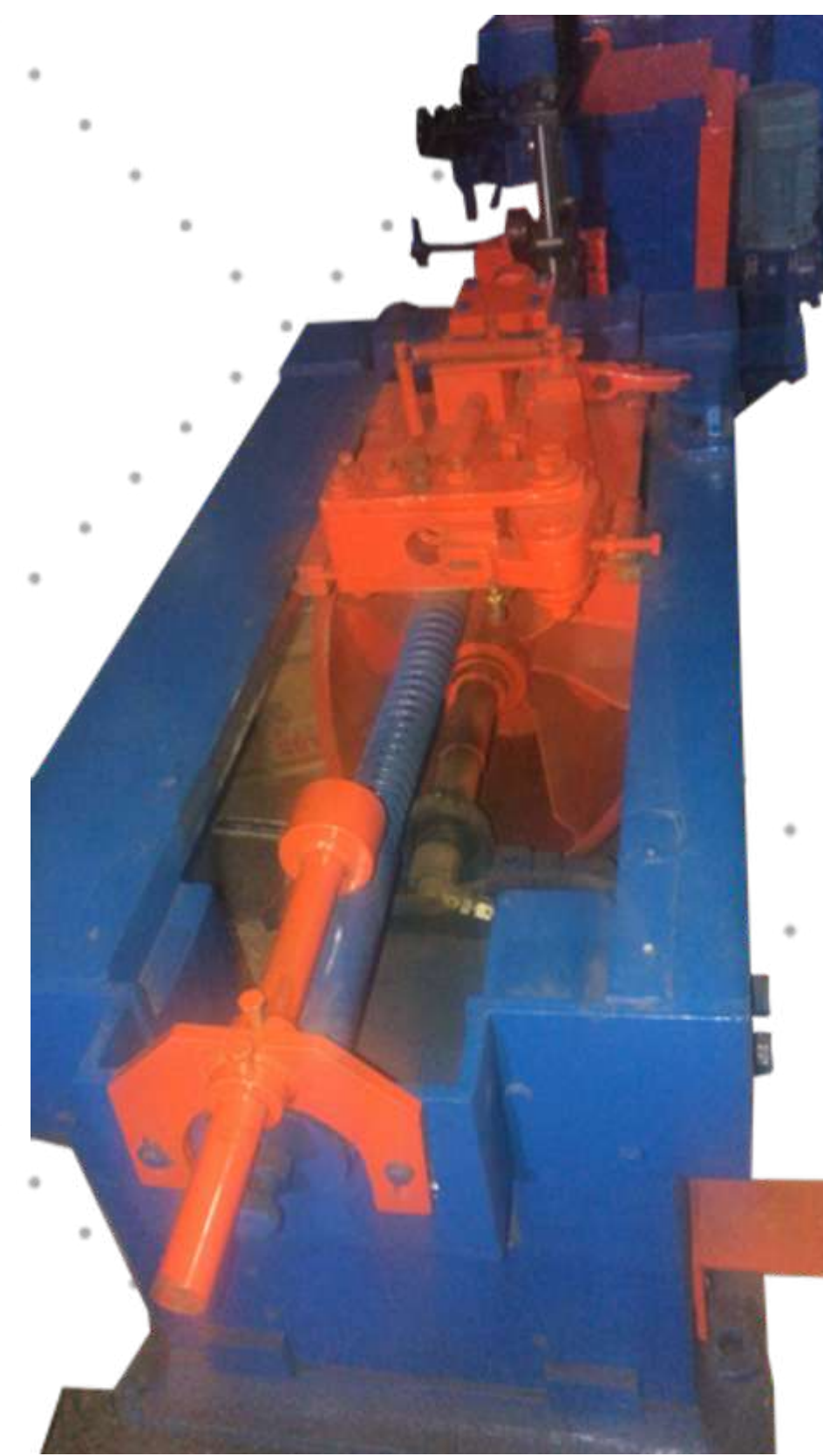


## Salient Features :

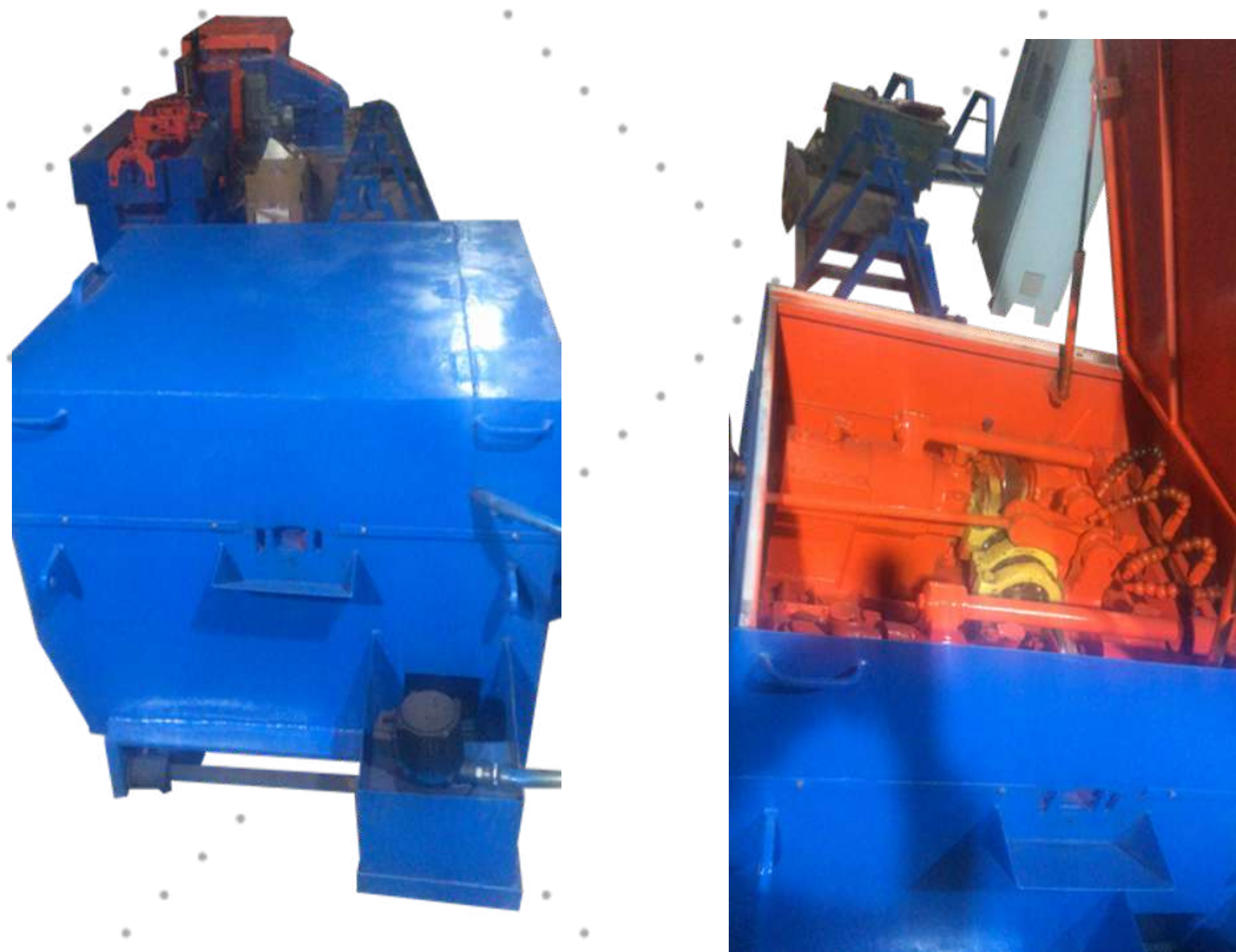
Cutting capacity three times as compared to the ordinary machines.No bending no wastage or odd size cutting.Provided with double feed roller for accurate cutting and practically no load on Electric motor.All the gears and feed rollers are made from special steel and duly hardened bearing are heavy duty and the machine is fully covered.

## Features :

- Superior functionality
- Excellent performance
- Hassle free operations



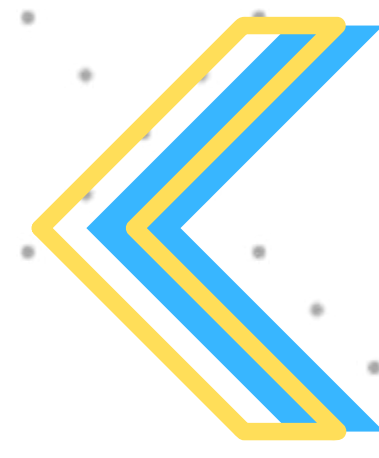
Cutting Unit



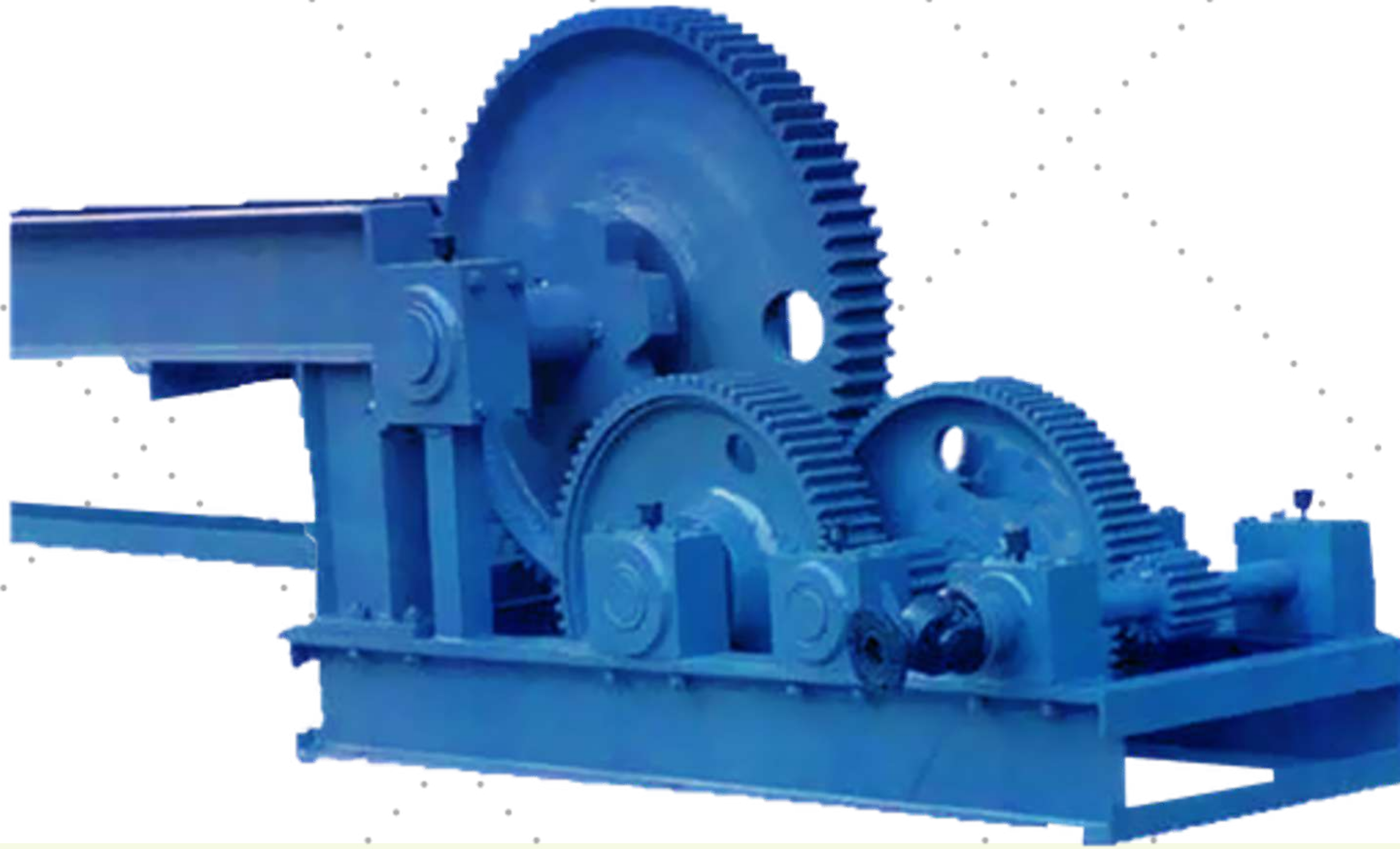
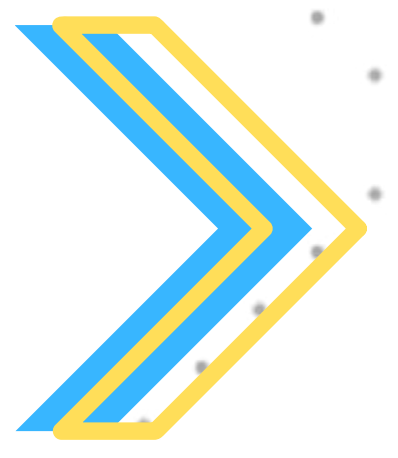
Disc Polishing Machine



Panel Board



# Draw Bench Machine



## Introduction

We are a recognised entity, affianced in manufacturing the best-in-class range of Draw Bench Machine for our clients.

## Length of The Machine

The length of the machine will be of 30 ft. approx.

## Construction of The Frame :

The Frame of the machine will be of channels and the chain on the upper and lower side will be supported by channels.

## Gear Box :

The gear box will have four speed change system having cosehardened gears.

## Drawing Carriages & Die Block :

The machine will be proved with drawing carriages for single drawing. Carriage and die head block for double drawing will have extra price.

## Model Capacities

- DB 25 mm
- DB 38 mm
- DB65 mm
- DB 75 mm

## Features :

- Long service life
- High operational fluency
- Hassle free operationly



# Round Bar Straightening Machine



TSA offers Round Bar Straightening Machine of reeling type which are important for all Bright bar Manufacturers of drawn shafting which will get better advantages and finishing to straighten bars before turning components being manufactured. The beauty of our machine designs is to incorporate maximum possible facilities to their users experience extra investments. We have a standard practice of seasoning our casting and stress relieving our all fabricated structures.

## Specifications :

MODEL NO.	CAPACITY	MOTOR (HP)	MOTOR (RPM)
RB-15	5mm to 15mm	05 H.P. 1no..	1440 RPM
RB-25	10mm to 25mm	7.5 H.P. 1no..	1440 RPM
RB-40	15mm to 40mm	7.5 H.P. 2no.	1440 RPM
RB-50	20mm to 50mm	10 H.P. 2no.	1440 RPM
RB-65	20mm to 65mm	12.5 H.P. 2no.	1440 RPM
RB-80	25mm to 80mm	15 H.P. 2no.	1440 RPM
RB-100	40mm to 100mm	20 H.P. 2 No.	1440 RPM

These machines are customized as per the clients requirements and our delivery facilities are also prepared with appropriate packaging and delivery processes to enable optimal satisfaction of our clients.

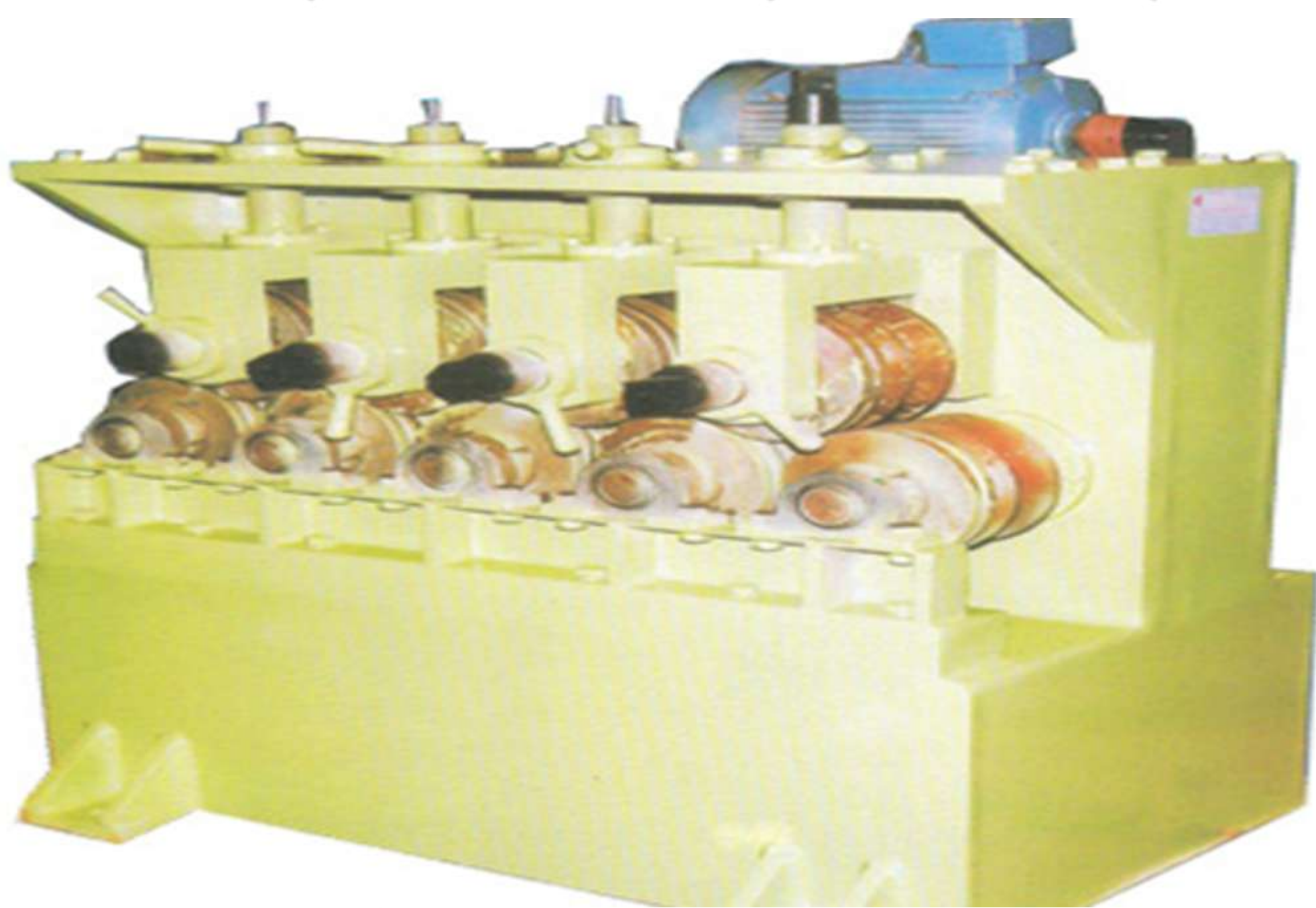
## Features:

- This machine is the special equipment used to straighten the round bar.
- Optimum functionality
- Easy to use
- Quality approved





## Section Straightening Machine



TSA Section Straightening Machine, cutting, Polishing is first of its kind manufactured indigenously for Cold Bright Bar . It gives Bright Bar Drawing, straightening of any rolled, Drawn, Ferrous or Non Ferrous solid section in cold condition. This machine is engineered to give trouble free long life. The Section Straightening Machines are used to Straighten Rolled Steel Sections like of any rolled, Drawn, Ferrous or Non Ferrous solid section in cold condition etc. TSA is supplying these machines to many reputed concern firms. Straightening machine made up of steel fabricated M. S. plates of ample thickness with outer lining of same plates to strengthen the body will carry gears to run the rolls. The Straightening Machines are fitted with inbuilt reduction gear box on frame.

### Capacities :

Model	Capacity	Motor	Speed
TSA-25	08 mm-25 mm	7.5 HP	30 ft/min
TSA-40	10 mm-40 mm	12.5 HP	25 ft/min
TSA-50	15 mm-50 mm	20 HP	20 ft/min

### Features :

- Roller Material H.C.H.C.R.
- Gear Box – Radicon Make.
- Steel Fabricated Heavy Duty Steel Fabricated Body.

### Technical Specification :

- Suitable for all Types of Sections.



# Straightening Cutting Off Machine

## Introduction :

TSA serves the best in-wire industry by manufacturing Wire Straightening and Cutting-Off Machines in various models and specifications. These machines are fabricated in compliance with latest technology and are well known for low maintenance with high performance. These are accuracy engineered machines and are used for the fabrication of perfect straight wire and can be fabricated as per the client's requirements.



## Accessories:

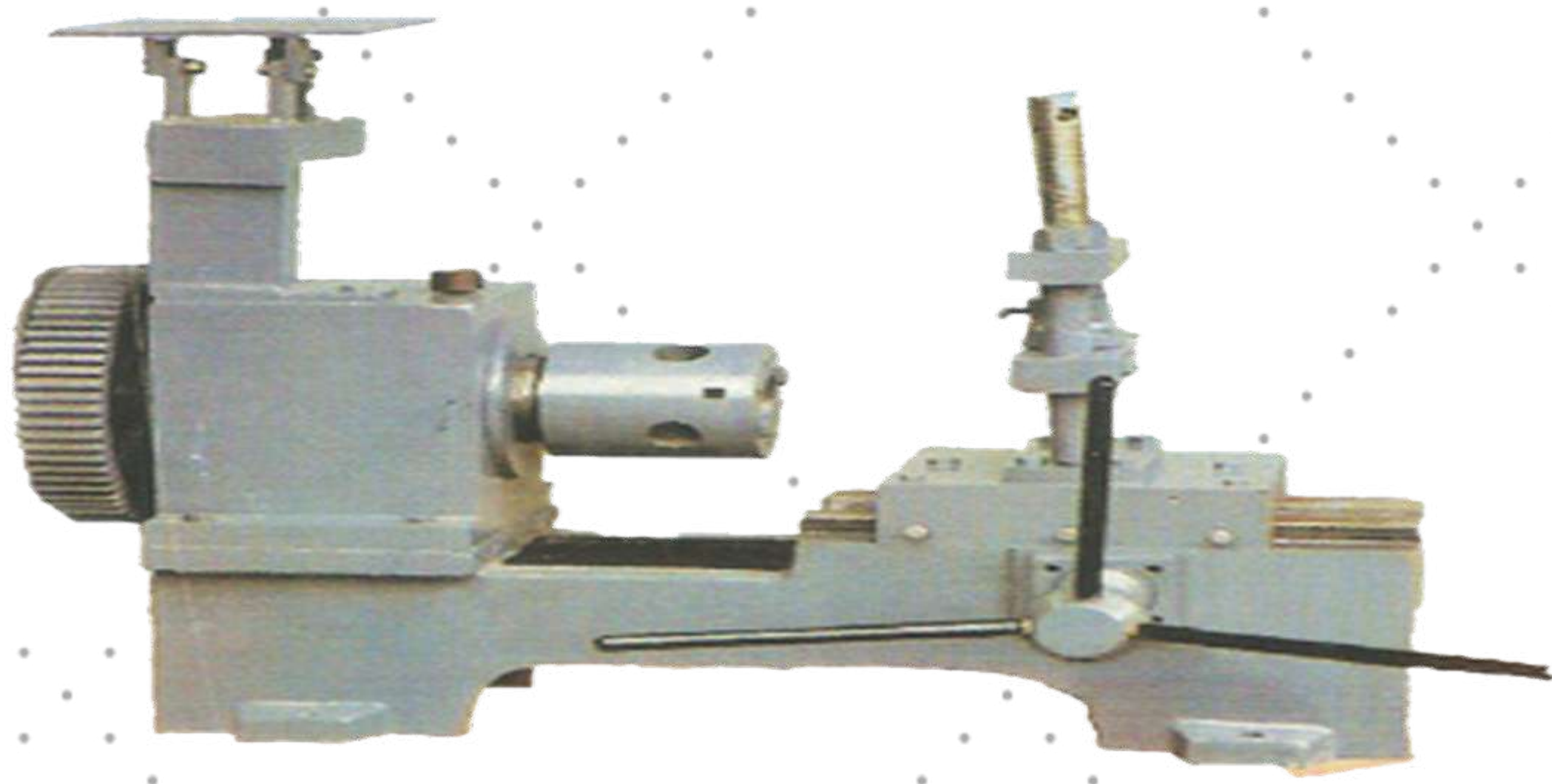
- With Coil Stand and Pay Off Stand.

## Features

- Low Maintenance with High Productivity
- Heavy Duty Machine
- Less maintenance
- Adjustable dies
- High speed functioning



# Bar Pointing Machine



Owing to the progressive infrastructure facility, we are able to manufacture, import and export Bar Pointing Machine. These products are manufactured from superior quality raw materials that are achieved from the well-known suppliers of the market. Our clients appreciate these products for their effective and easy operation. These products are used in completely different metal processing units and industries. Bar Pointing Machine is available at TSA industries in various models as per our client requirements.

## Capacities:

Models	Capacities
TSA-BP-40	12mm to 40mm dia round
TSA-BP-65	20mm to 65mm dia round
TSA-BP-75	30mm to 75mm dia round

## Construction of The Machine:

The body & base of the machine will be of rigid casting.

## Head Stock:

The machine will have geared head with four speed change system.

## Cutting Operation & Feeding:

The cutting tools are mounted in a cutter head which in turn is fixed on a revolving spindle and the bar to be turned is moved by slide against the revolving cutter head on the bar. During the cutting operation the feeding of the material will be automatic.

## Electrical Drive & Coolant Pump (Require):

Models	H.P./RPM
TSA-BP-40	03 HP/1440
TSA-BP-65	05 HP/1440
TSA-BP-75	7.5 HP/1440

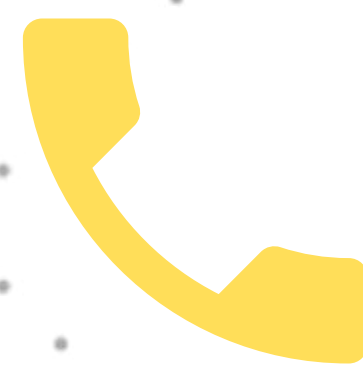


## Contact us



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