

An ISO 9001 :2015
Certified Company



UDHYOG
alankar



Leading Manufacturer & Exporter of **BAR PEELING MACHINE**

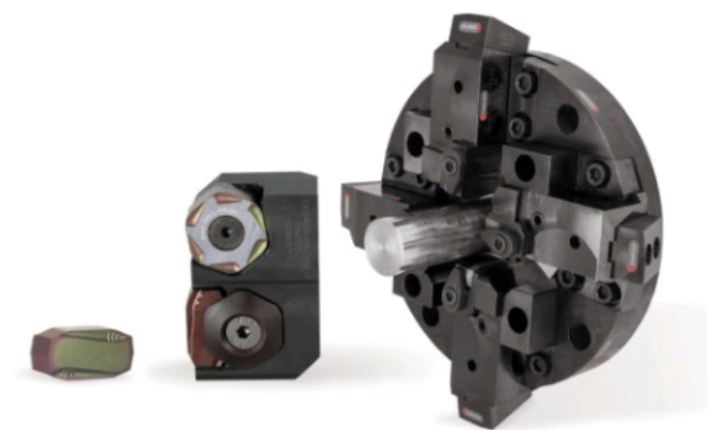
In House designing & Manufacturing

Reliable & Quality

High Speed & High Stability

Low Maintenance

Excellent Cost Effective



JAS-ANZ



ALANKAR UDHYOG established in the year of 1975
specialised in Bar Peeling Machine Industry.

we shape the Bar

www.alankarudhyog.in



UDHYOG
alankar

WELCOME TO ALANKAR UDHYOG

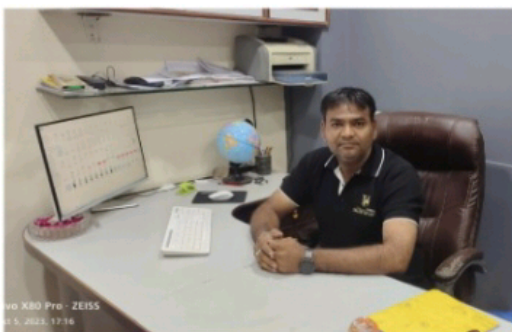
Specialized in Bar Peeling Machinery Industry

Established in the year 1975, we, "Alankar Udhyog" are engaged in manufacturing and supplying Bar Turning Machine, Bar Peeling Machine, Bar Draw Machine, Bar Straightening Machine and Bearing Purpose Machine. These machines are widely demanded in the market owing to their smooth functioning and easy operations. Some of the notable features of these machines are easy maintenance, corrosion resistance, longer functional life and sturdiness. These machines are made by our skilled production staff as per the application requirements.

All these products are manufactured following prescribed set of norms. By following these parameters, we are able to ensure that all these products are in the compliance with the international quality standards. Apart from this, we make use of all the latest tools and machines, which allow us in fabricating a flawless product range. In order to gain maximum level of client satisfaction, all these products are delivered within the stipulated time frame.

With the Continuous efforts and support of our employees, we are successfully engaged in offering high quality machines to our clients. All our endeavour are directed towards achieving utmost satisfaction of our clients. For this, we ensure that all these machines are made as per the set Industrial standards. This helps us in delivering a flawless range at the client's site. Further, with our customized solutions and competitive pricing, we have been able to be retain successful market position.

Under the expert guidance of our mentor "Mr. Vicky Saini", we have been able to retain the trust of our clients. He holds extensive experience in the domain, which enables us to cater to the exact needs of our clients. With his thorough knowledge in the domain, we have maintained our success market position since years.



Mr. Vicky Saini (Director)

PRODUCT RANGE

- BAR PEELING MACHINE
- BAR STRAIGHTENING MACHINE
- BAR TURNING MACHINE
- BAR DRAWING MACHINE
- BAR POINTING MACHINES
- FRAME STRAIGHTENING MACHINE

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BAR PEELING MACHINE

Head Stock : This is a rigid Steel Body containing a revolving main spindle driven through 'v' belts and shifting gears from the main motor. A cutter head is fixed to the main spindle. The head is designed to hold a cutting tool and also rollers for polishing the work. The spindle speeds can be varied by means of changed gears.

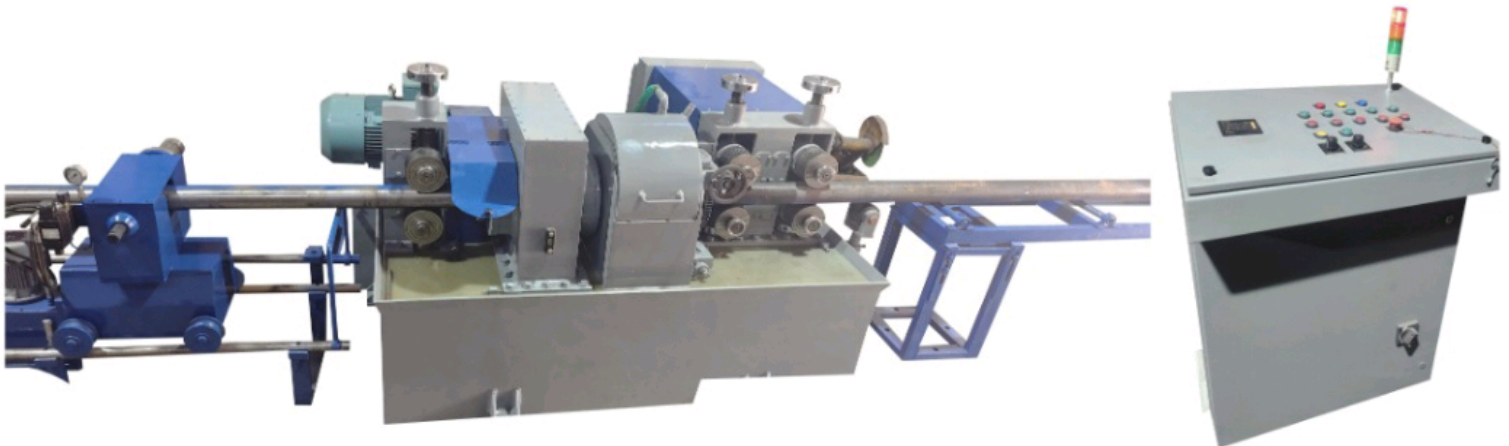
Feed Gear Box : This is also a rigid Steel Body. The feed rollers are operated by a motor through 'v' belts and worm gear. The rollers feed the bar against the revolving cutter head. The feed rate of the bar is varied through dimmer Stat. All the shafts are mounted on bearings. Worm and worm gears are oil lubricated and bearings and gears are grease lubricated.

Bed : This is a Steel Body base on which the feed gear box and head stock assemblies are mounted. The main motor is fixed on the left rear wall of the bed and feed gear box motor on the right rear side of the bed. Passage is provided for the chip and coolant flow.

Cutter Head : This is a cast steel part. To thiffs, three polishing rollers (hchcr) and one carbide tool are fixed. The entire assembly is bolted to a face plate which in turn is threaded (clock — wise) to the main spindle. The cutter head will rotate with the main spindle while the bar is fed longitudinally.

Coolant System : Constant flow of mineral based cutting oil is splattered on cutter head to cool the tool and rollers.

Input & output Carriages : for supporting and preventing the rotation of the bar, input and output carriages are provided with the machine



TECHNICAL SPECIFICATIONS

	MODEL NO.: PM-1	MODEL NO.: PM-2	MODEL NO.: PM-3
Spindle Motor	15 hp / 1440 R.P.M.	25 hp / 1440 R.P.M.	40 hp / 1440 R.P.M.
Motor for Feeding Gear Box	3 hp / 1440 R.P.M.	5 hp / 1440 R.P.M.	7.5 hp / 1440 R.P.M.
Coolant Pump Motor	0.18 kw / 1500 R.P.M.	0.37 kw / 1500 R.P.M.	0.75 kw / 1500 R.P.M.
Bar Capacity	15mm To 50mm	20mm To 75mm	40mm To 100mm
Control Panel	with Drive Control Panel	with Drive Control Panel	with Drive Control Panel

APPLICATIONS

Bar Peeling Machine For Round Bar



BAR STRAIGHTNING MACHINE

Our customers can avail from us a comprehensive range of Bar Straightening Machines which are manufactured using quality raw material. These machines are robust in construction and ideal for various industrial applications.

Our company is the prime manufacturer of a high quality of bar straightening machines which are very robust in their construction and they have a very strong tensile strength. The products which we offer to the clients are high on demand in the market and they have been made using quality raw materials which are reliable and bought from well known market vendors. The Bar Straightening Machine which we offer to our clients is high on demand in the market due to the high performance which they offer.

Features : Durable / Non-Corrosive / Cost-Effective

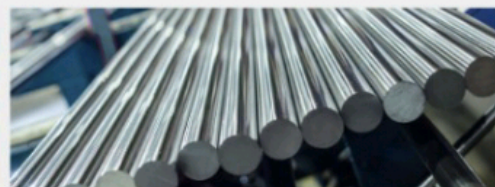
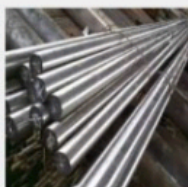


TECHNICAL SPECIFICATIONS

	MODEL NO.: AS-1	MODEL NO.: AS-2	MODEL NO.: AS-3
Gear Box Motor (2 Motors)	10 hp / 1440 R.P.M.	40 hp / 1440 R.P.M.	50 hp / 1440 R.P.M.
Coolant Pump Motor	0.18 kw / 2800 R.P.M.	0.18 kw / 2800 R.P.M.	0.18 kw / 2800 R.P.M.
Bar Capacity	15mm To 50mm	20mm To 75mm	30mm To 100mm
Control Panel	with Drive Control Panel	with Drive Control Panel	with Drive Control Panel

APPLICATIONS

**Bar Straightening Machine
For Round Bar**



BAR TURNING MACHINE

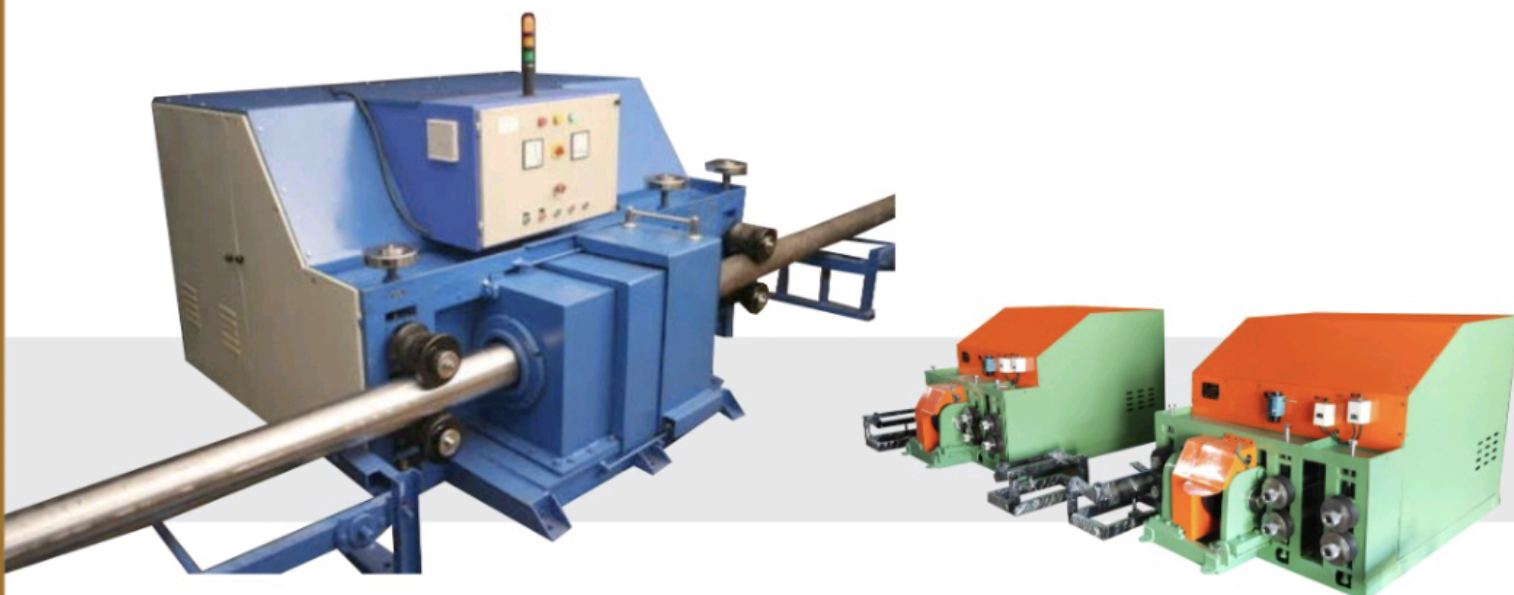
Head Stock : This is a rigid steel body containing a revolving main chuck driven through v belts from the main motor, two cutter head is fixed to the main spindle. The head is designed to hold a cutting tool and the spindle. speeds can be varied by means pulley.

Feed Gear Box : This is also a rigid steel body. The feed rollers are operated by a motor helical gear. The rollers feed the bar against the collate head. The feed rate of the bar is varied through gear box. All the shafts are mounted on bearings helical gears are grease lubricated. Hand oil

Bed : This is a steel base on which the feed gear box and head stock assemblies are mounted. The main motor is fixed on the left rear wall of the bed and feed gear box motor on the right rear side of the bed. Passage is

Cutter Head : This is a cast steel part. To thiffs, (HCHCR) two carbide tool are fixed. The entire assembly is bolted to a face plate which in turn is threaded (clock wise) to the main spindle. The cutter head check will rotate against the main spindle while the bar is fed longitudinally.

Input & Output Carriages : For supporting and preventing the rotation of the bar, input and output roller are provided.

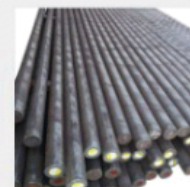
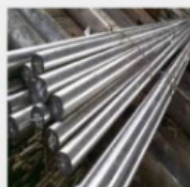


TECHNICAL SPECIFICATIONS

	MODEL NO.: A-1	MODEL NO.: A-2	MODEL NO.: A-3	MODEL NO.: A-1
Turning Dia.(max)	15 To 500 MM	50 To 100 MM	100 To 150 MM	150 To 200 MM
Chuck Size	300 MM	400 MM	550 MM	800 MM
Bar Capacity (max)	50 MM	100 MM	150 MM	200 MM
Spindle Speed Standard	600-1500	400-1000	300-800	250-800
Spindle & Feeding Motors	7.5 / 2.0 HP	20 / 5.0 HP	30 / 7.5 HP	50 / 10 HP
Spindle Tools	2 Tool	2 Tool	3 Tool	4 Tool

APPLICATIONS

Bar Turning Machine For Round Bar



BAR DRAW BENCH MACHINE

We are a leading manufacturer and supplier of Bar Drawing Machines which can be availed at industry leading prices. These machines are available in various standard sizes and also they can be customized as per the client needs.

Design Features :

Length of The Machine : The length of the machine will be of 30'ft approx.

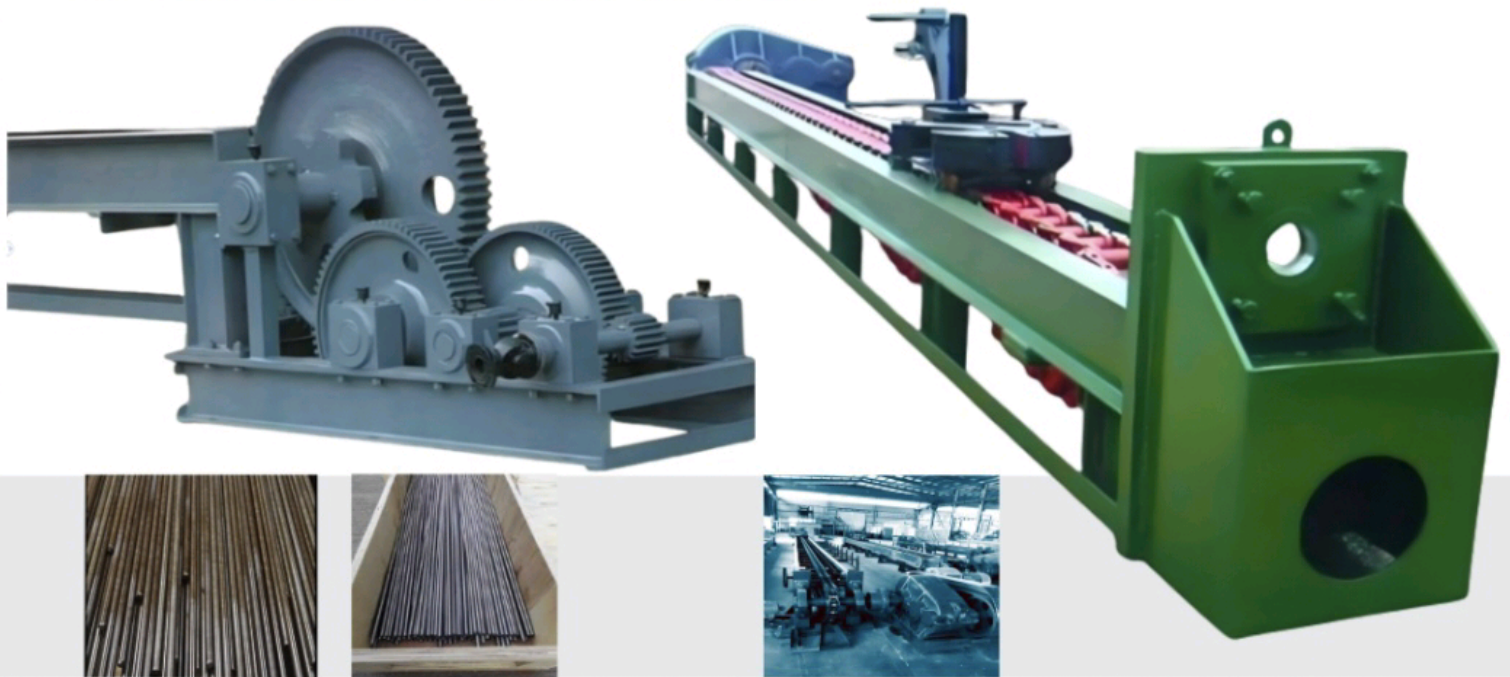
Construction of The Frame : The frame of the machine is made from channels. The chain on the upper and lower side is also supported by channels.

Gear Box : The machine has totally enclosed gear box with 4 speed change system having case hardened gears.

Drawing Carriages & Die Block : The machine will be provided with a drawing carriage and a die head block for single drawing.

Carriage Back Mechanism : An automatic carriage back mechanism will be provided with the machine.

Coolant Pump : For all the models rk/1/170 coolant pump is used.



TECHNICAL SPECIFICATIONS

Capacity Round	-Hex	Garder Size	Chain Size Mate	Pin	Drive Gears	Gear Box	Electrical Motor
1"	-5/8"	7"x3.5"	2.5"x1.5"	1.25"	25"x18"x5.6"	Four Speed Nissan	1440 R.P.M. 10 H.P.
25mm	-16mm	175mmx75mm	62mmx12mm	32mm			
1.25"	-1"	8"x4"	3"x5"	1.375"	32"x25"x5.5"	Four Speed Nissan	1440 R.P.M. 10 H.P.
36mm	-25mm	200mmx100mm	75mmx12mm	36mm			
1.5"	-1"	8"x4"	3"x5/8"	1.5"	40"x25"x5.5"	Four Speed Nissan	1440 R.P.M. 15 H.P.
40mm	-30mm	200mmx100mm	75mmx15mm	40mm			
1.75"	-1.375"	8"x4"	4"x5/8"	2"	40"x25"x18"x5.5"	Four Speed Nissan	1440 R.P.M. 15 H.P.
45mm	-36mm	200mmx100mm	100mmx15mm	50mm			
2.25"	-1.75"	10"x5"	4"x3/1"	2.25"	41"x26"x25"x19"x6"	Five Speed Sukhoo	1440 R.P.M. 20 H.P.
55mm	-45mm	250mmx125mm	100mmx20mm	56mm			
2.5"	-2"	12"x5.5"	5"x1"	2.625"	42"x26"x25"x19"x6"	Five Speed Sukhoo	1440 R.P.M. 25 H.P.
65mm	-50mm	300mmx140mm	125mmx25mm	65mm			
3"	-2.25"	12"x5.5"	6"x1"	2.625"	43"x26"x25"x20"x6"	Five Speed Sukhoo	1440 R.P.M. 25 H.P.
75mm	-55mm	300mmx140mm	150mmx25mm	75mm			
3.375"	-2.625"	12"x6"	7"x1"	3.25"	43"x26"x25"x20"x6"	Five Speed Sukhoo	1440 R.P.M. 30 H.P.
85mm	-65mm	300mmx150mm	175mmx25mm	80mm	43		
4"	-3"	18"x4"	10"x1.5"	4.25"	72"x32"x26"x25"x20"x6.5"	Eight Speed Mack	1440 R.P.M. 50 H.P.
100mm	-75mm	450mmx150mm	250mmx36mm	110mm	72		

BAR POINTING MACHINE



Offering a wide range of Bar Pointing Machines, it is highly available in the market on effective cost. These products are manufactured using superb quality raw materials using sophisticated technologies.

Design Features:

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

Coolant Pump : For all the models rk/1/170 coolant pump is used.

Technical Specifications

MODEL NO.: PM-50

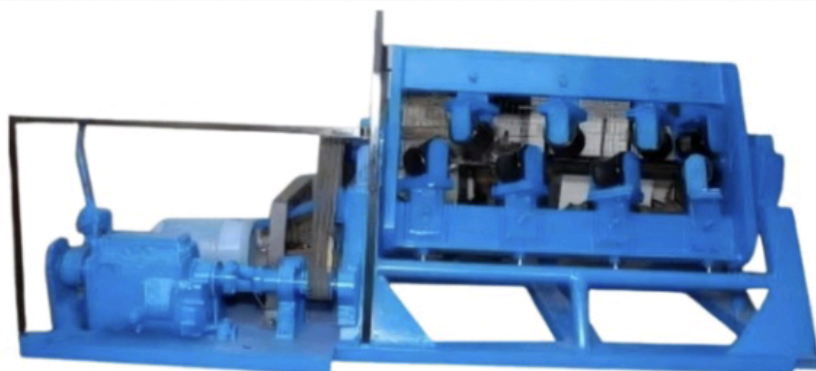
kw / rpm / volts

5 hp / 1440 R.P.M.

50mm

Motor For Cutting Head
Bar Capacity

FRAME STRAIGHTNING MACHINE



Technical Specifications

MODEL NO.: FRM-1

kw / rpm / volts

20 hp / 1440 R.P.M.

15mm To 50mm

with Control Panel

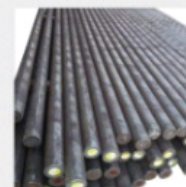
Drive Motor
Bar Capacity
Control Panel

We are the leading manufacturer & suppliers of the Frame Straightening Machines, which is appreciated by all our customers for its great quality. Our company is the prime manufacturer of a high quality of bar peeling machines which are very robust in their construction and they have a very strong tensile strength. The products which we offer to the clients are high on demand in the market and they have been made using quality raw materials which are reliable and bought from well known market vendors. The Frame Straightening Machine which we offer to our clients is high on demand in the market due to the high performance which they offer.

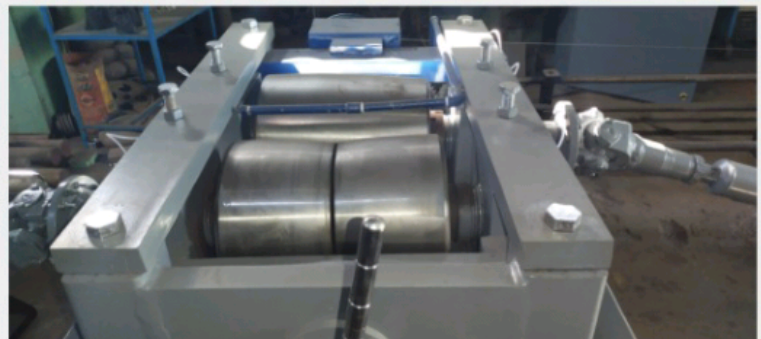
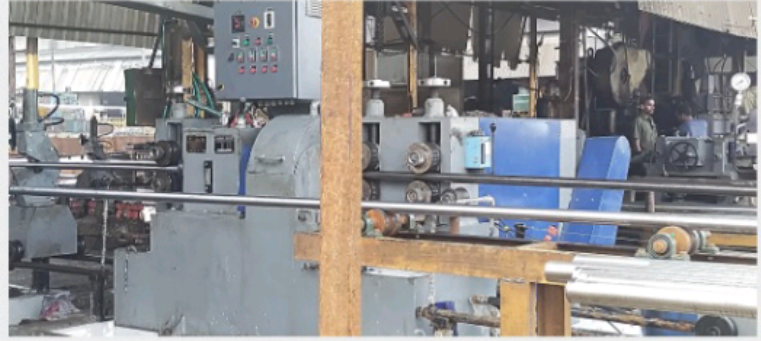
APPLICATIONS

Frame Straightening Machine For Round Bar

Features : Durable / Non-Corrosive / Cost-Effective

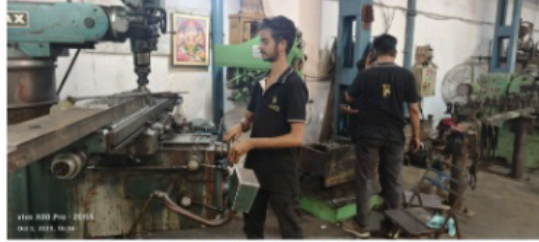
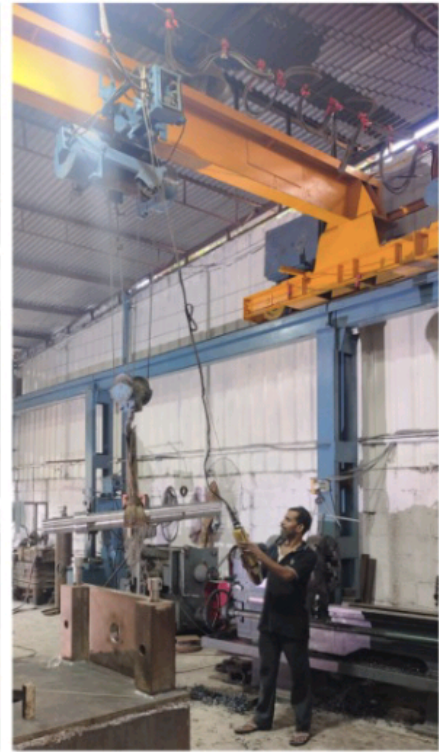


SOME IMAGES OF OUR MACHINES



OUR PRODUCT RANGE : BAR PEELING MACHINES / BAR STRAIGHTENING MACHINE
BAR TURNING MACHINE / BAR DRAWING MACHINE / BAR POINTING MACHINE /
FRAME STRAIGHTENING MACHINE

OUR INFRASTRUCTURE (10,000 Sq.Ft. Factory, Well Equipped Machines, Skilled Labour & Technician, Advanced Technology)



UDHYOG
alankar

Leading Manufacturer & Exporter of :
BAR PEELING MACHINES

854/1/A, GIDC Makarpura, Vadodara-390010, Gujarat, India.
Mobile : +91-98245 41090, 99244 12461, 90330 41090
E-mail : sales@alankarudhyog.in, alankar.vicky1984@yahoo.com
Web : www.alankarudhyog.in




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