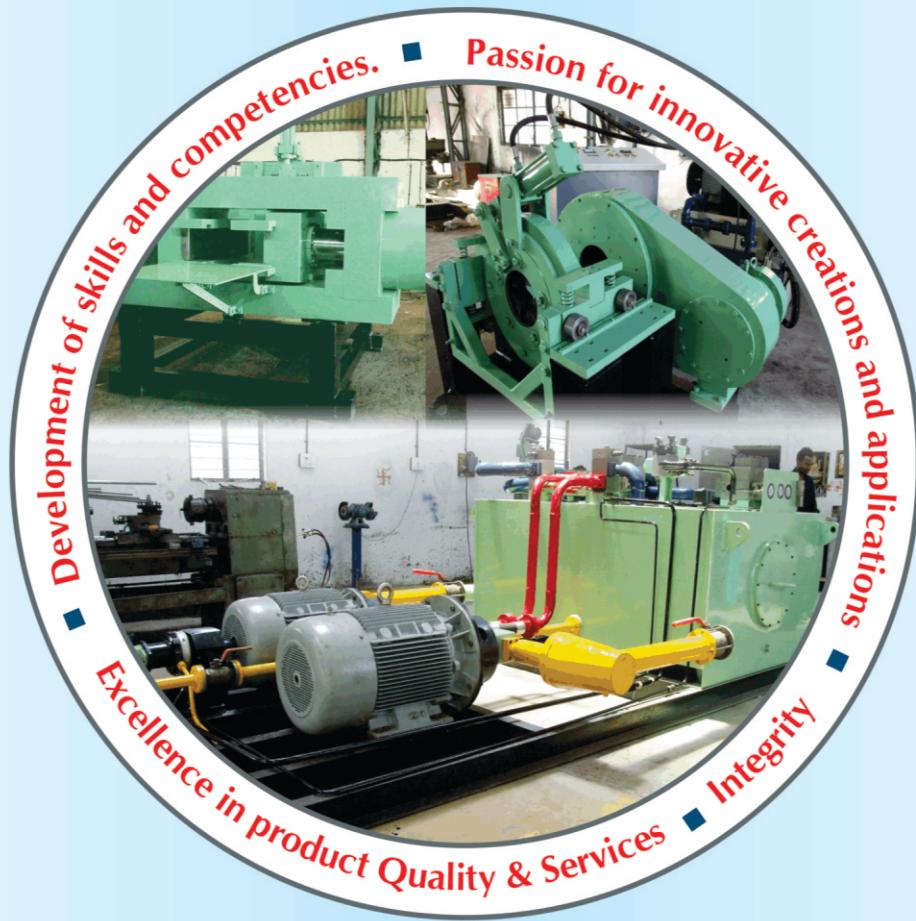




Maruti Industries



• Our Objectives •

- To achieve the excellence in services •
- To maintain integrity in thoughts and actions •
- Concern about safety, health and environment •
- Continuous evaluation with emphasis on final product quality •
 - Development of skills and competencies •
 - Passion for innovative creations and applications •

• About us..... •

- Maruti Industries is established since 1997 •
- Technical solution provider to steel and tube industries •
- Manufacturing of Special Purpose Machines and Material Handling Systems •
- Team of experienced engineers and skilled operators supported by the quality equipments •
- Cater the demands of tube industry by making SPMs as per their need and provide them technical solution •

Tube straightening machine



Salient Features

Roll width is designed for 1.2 scroll pitch.
Hyperbolic profile for good contact.
Rollers are made of D2 Material.
Hard Chrome plated tie rods provide better stability.
All top rollers can be individually adjusted through motors and worm gear boxes.
Hand Wheels are provided for manual adjustment.
VFD is provided for speed adjustment.

Roller assemblies are mounted on Housing. Additional guide for all housings are provided on the plated tie Rods. This unique feature of machine provides better stability to roll assembly and resulting in less wear of rolls.



The roll angle position can be set such that the range of tube diameters covered by the machine can be accommodated to provide max line contact along the profile of the roll.

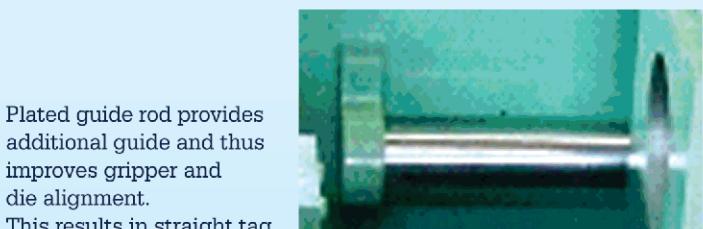
Assel Mill Outlet Mechanism



Pointing Machine



Pointing Machine Power pack



Plated guide rod provides additional guide and thus improves gripper and die alignment. This results in straight tag.

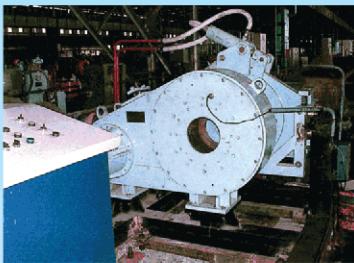


600-700 mm long gripper set is mounted on machined blocks. Wear plates are provided to safe guard gripper mounting blocks. Gripper stroke 50 mm.

Salient Features

Robust structure. Smooth operation.
Alloy steel for dies and gripper jaws.
Adequate clamping force.
PLC control operations.
Adequate service factor to ensure long life.
Less maintenance due to simple mechanisms.

Bucking unit



Bucking unit with Drifter & Walking beam type tube transfer



Salient Features

Wide range of product from 2 3/8" to 13" outer diameter.
Torque range 750 to 40000 ft-pound.
Catering API requirements.
PLC controlled operations.
Hydraulic motor with planetary gear box for drive.
Pressure transducer for excellent torque control.
Digital display of torque on control panel.
Proper interlocks for safe operations.
Hardened jaws for bucking and back-up assembly.
Quick jaw change and high speed operation.
Torque record and printing facility.



Spring loaded back-up assembly holds tube while bucking operation. After bucking operation home position is retained by compression springs.

Hardened jaws provides better grip with less marking on casings and tube. Simple mechanism for quick change.



Walking beam system for multiple Tube handling.

Walking beam mechanism to handle multiple tubes.
Operation time 2-3 sec.

Pre-Tightening unit

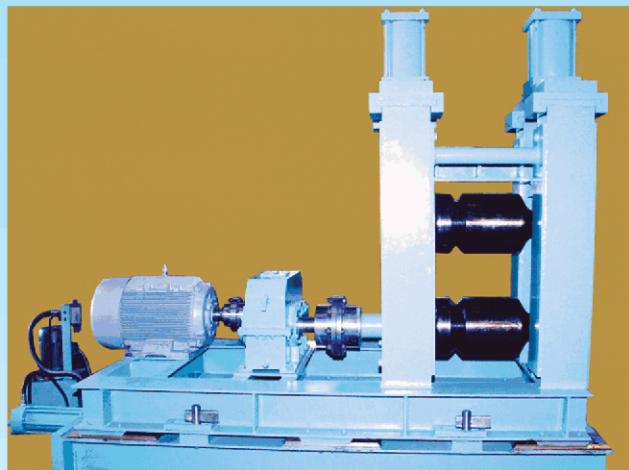
Pre-tightening unit can be offered to reduce effective cycle time of bucking unit.



Cold Drawn Bench



Pinch roller for square bar



Billet cutting Machine



A compact and effective mechanism for billet cutting operation.
Billet cutting torch is adjusted suitable to billet diameter.

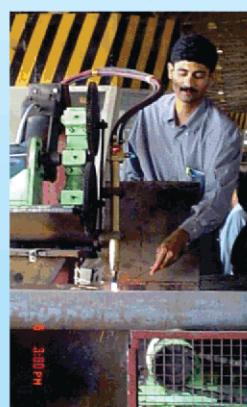
Billet conveyor for furnace



60 meters long billet handling system provided with vanishing stopper mechanism.
The system is made to feed the rotary hearth furnace.



Billet cutting Machine



AC motor with VFD is provided for variable speed from 10 to 45 rpm according to billet diameters to be cut

SRM Roll Grooving Machine



Major Achievement



Rotating conveyor to feed piercing mill placed 90 deg to furnace outlet.



Few Critical Components Machining



Tube clamping mechanism for Hydraulic testing machine suitable for 100 mm dia tube to 254 mm dia tube.



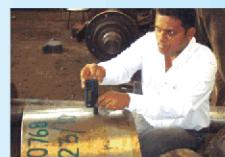
Facility and skill developed for critical machining.



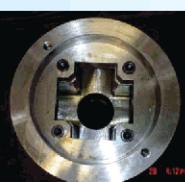
Cold Pilger shaft.
Dia: 465 mm
Length: 1800mm



Inspection of critical components to ensure desire performance. Large range of measuring instruments to achieve the quality.



A good range of measuring instruments ensures quality. Bore gauges, Micrometers, Vernier Calipers, Height gauges, Combination set etc.



Facilities available with us....



Heavy Duty Lathe



Horizontal boring



Plano Miller



Gears & Couplers



Cold Drawn Seamless Tubes Plant Commissioned By MARUTI INDUSTRIES

Our Valuable Customers...

- Kirloskar Ferrous Industries Ltd.(ISMT Ltd.).....(Ahilyanagar & Baramati)
- Jindal Saw Ltd.....(Sinnar, Nashik, Nagothana, Kosi Kalan-UP)
- Heavy Metals & Tubes Ltd.....(Ahmedabad)
- Maharashtra Seamless Ltd.....(Nagothana)
- Global Seamless Tubes & Pipes Pvt. Ltd.....(Calcutta)
- South India Tubes.....(Rajkot & Bengaluru)
- Tubacex Tubes & Pipes Pvt. Ltd.....(Umbergaon, Gujarat)
- Hamal Al Awad Co. Ltd.....(Saudi Arabia)
- Lal Baba Seamless Tubes Pvt. Ltd.....(Haldia, West Bengal)
- Metamorphosis Engitech India Pvt. Ltd.....(Pune)
- Bhuleshwar Seamless Pvt. Ltd.....(Pune)
- Route Pipe Works Pvt. Ltd.....(Jalana)
- Viraj Profiles Pvt. Ltd.....(Mumbai)

Machine manufactured by us...

- Tube Straightening Machines.
- Pointing Machines.
- Bucking Units.
- Tube Bevelling Machine
- SRM Roll Grooving Machine
- Hot Mill Conveyor Systems.
- Pinch Rollers for Steel Mills.
- Cold Drawn Bench
- Hydraulic Press.
- Hydro Tester.



**Maruti
Industries**

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