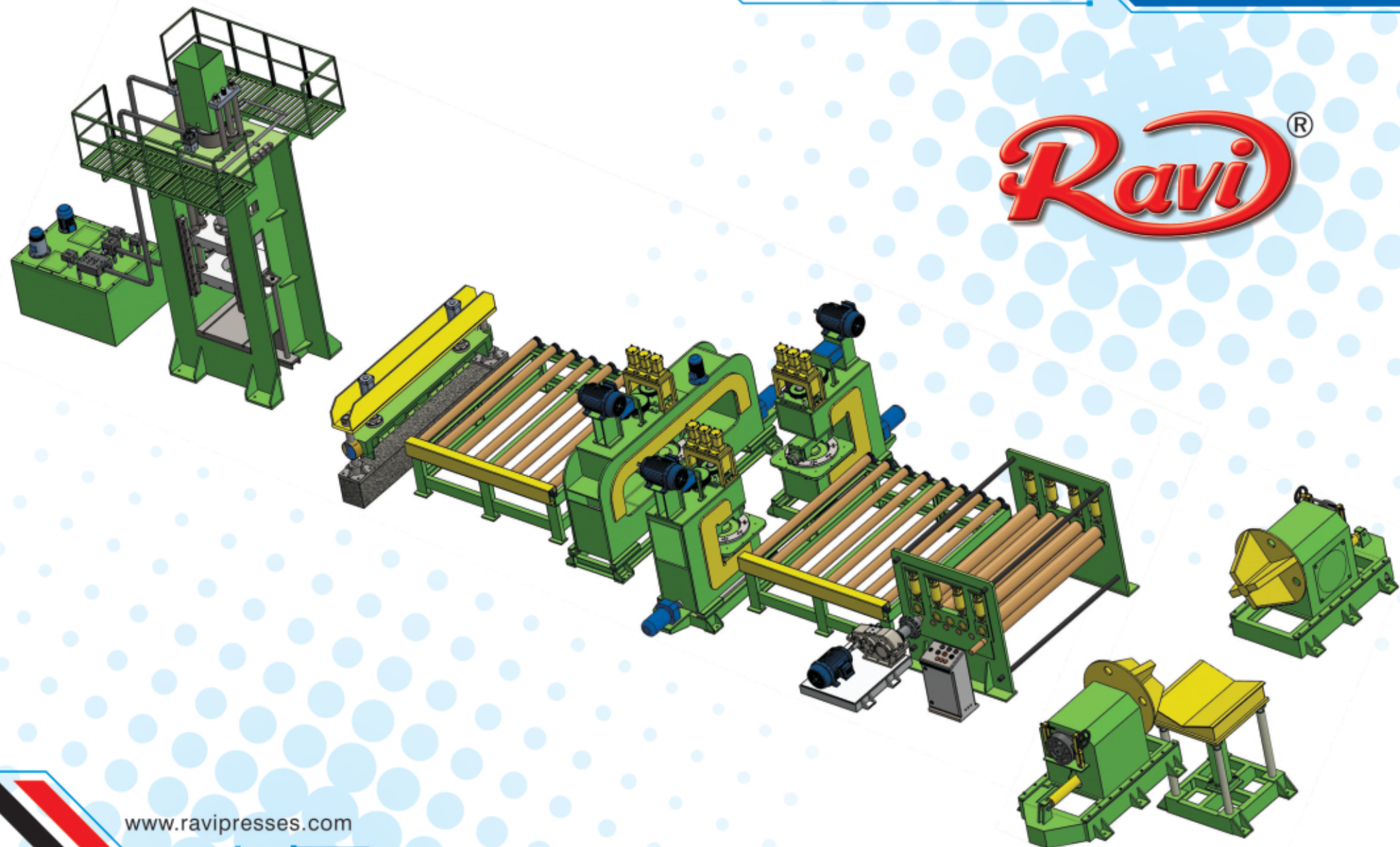
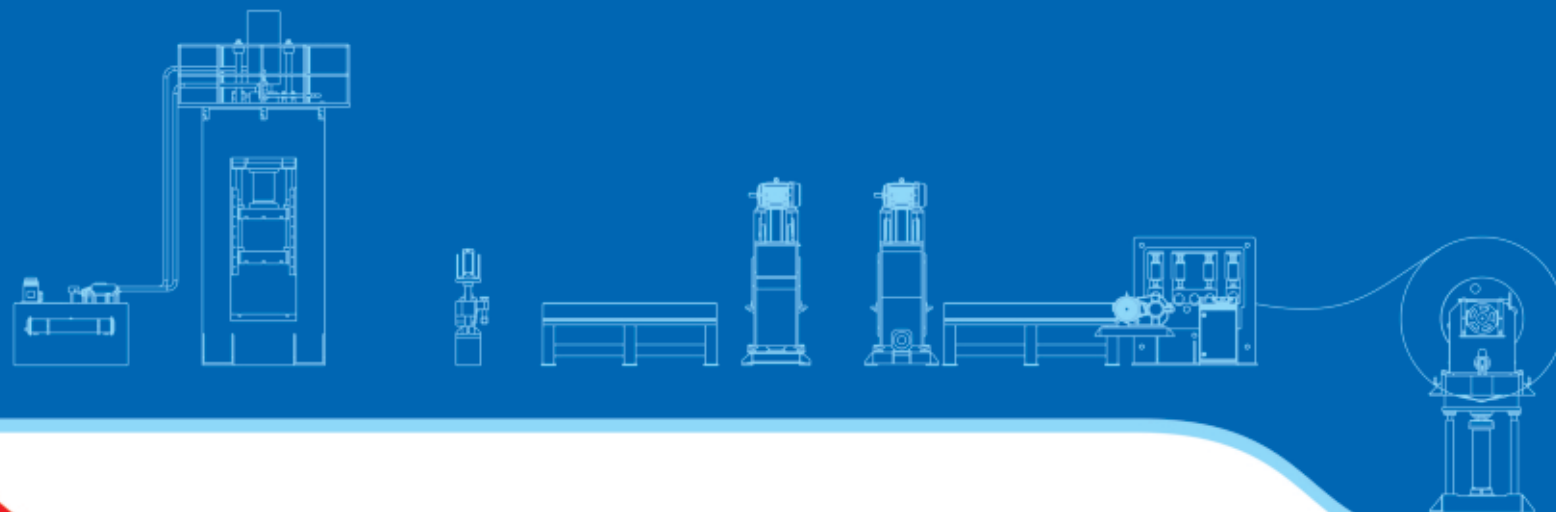


Ravi[®]



www.ravipresses.com

Ravi Industrial Corporation



Company Profile

RAVI INDUSTRIAL CORPORATION was established in 1970 for manufacturing of Power Presses & Shearing Machines based at Ludhiana known as Industrial Manchester of India and has complete manufacturing facilities for power presses, shearing machines and LPG Cylinder Plant Machinery in different models. Our machines are widely used in the industry.

The History

For more than three decades, our ethos of customer satisfaction has driven us inexorably forward. In practical terms, this ethos translates in top an incessant pursuit of Quality excellence in products, in-depth understanding of customer's need and genuine customer care. As all long journey start with a single step, Ravi Industrial Corporation took that in 1970 under the dynamic leadership of Mr. Vinod Bembi who planned in to the manufacturing of Power Presses, Gradually we expanded our business to the manufacturing of all types of Presses, Shearing Machines, Forging Machines and Etc. The company is now a pioneer in manufacturing all these products.

Quality Assurance, Infrastructure & Marketing Set-up

Quality Excellence is primarily achieved by the use of right Equipments, Experience and Expertise. Fortunately, we have them all, and in ample measure.

Our thoroughly professional workforce of highly qualified engineers and well trained skilled technicians do the rest by deploying state-of-the-art technology to match the best of the world can offer.

However, Quality Excellence has to be consistently maintained. And this is ensured by our stringent inbuilt quality control system which operates right from the raw material stage, through all stages of production till the final product is ready for dispatch.

We Place the Highest Importance in Producing Quality Products

Our professionally managed marketing set-up takes great pain to research and customer's needs so as to guide our production team about how best such needs can be met through consistent innovation and product improvements.

Our philosophy underscores customer care through fair dealing, competitive pricing and on-the-dot delivery schedules. All of this add up to just one thing-Customer Satisfaction, it's the motivating force that's enabled us to be what we are.

The Core Team

Mr. Vinod Bembi has been actively involved in plant commissioning and is currently looking after technical aspect, Marketing and Finance. He has over 40 year experience in the field of machine tools industry.

Mr. Karan Bembi is the elder son of Mr. Vinod Bembi holds the key portfolios of Quality Assurance, Planning and Exports. He has rich experience in the machine tools industry. He is also involved in the manufacturing of Hand Tools, Scaffolding and Forging in their other units.

LPG Cylinder Hydraulic De-Coiler

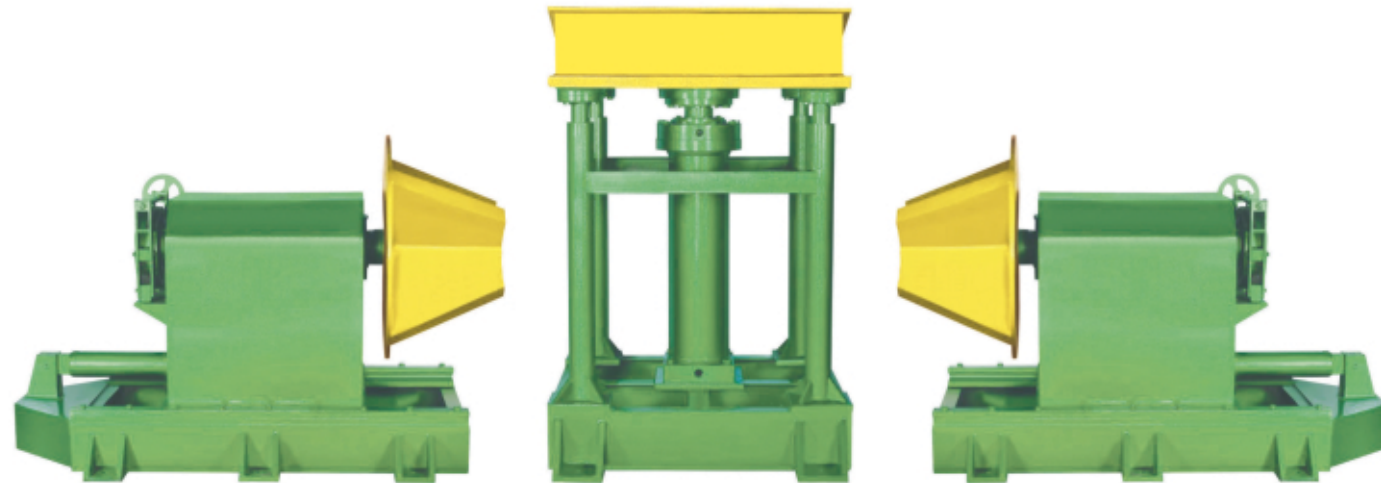
The De-Coiler machine is mainly used to de-coil various metal coils & work together with other machines to make a production line.

Properties :

Coil Bore	500mm to 900mm
Coil Diameter	2000mm

Salient Features :

- Load Bearing Capacity up to 30 ton Max.
- Hydraulically actuated Holding Cone Adjustment.
- Robust Fabricated Structure to withstand heavy load.
- It can be Synchronize on line with the production line to de-coil the sheet automatically.



LPG Cylinder Hydraulic Straightener

RAVI INDUSTRIAL CORPORATION developed wide range of high quality Hydraulic straightener machines are used for straightening of steel sheets within the machine's capacity.

Properties :

Max Sheet Width	1250mm to 3000mm
Sheet Thickness	3mm to 20mm

Salient Features :

- Hydraulically operated for effective working.
- Hydraulically control of roller adjustment.
- On line synchronization with De-Coiler & Rotary Shearing Machine for effective automated sheet feeding operation.

Rotary Circle Cutting Machines

RAVI INDUSTRIAL CORPORATION has Designed & Developed the On Line Rotary Circle Cutting System to Precisely Cut the Blank Circles Continuously From a Coil. Hence, It's Eliminate the Requirement of Mechanical / Hydraulic Presses, Guillotine Shear & Blanking Tool etc.

Rotary Circle Cutting System consists of Following :

- De-coiler
- Straightener
- Rotary Circle Cutting Machine's (Set of Three Machines)
- Idle / Power Conveyors
- Cut - Off Shearing (Optional)

Salient Features :

- On Line Synchronisation with the De-Coiler & Straightener for Automatic Functioning.
- Blanking of 2 or 3 Circles in a row.
- High End Quality of Hardened Cutter & Die for Durable Long Lasting Operation.
- Vice & Cutter Fixture Assembly Hydraulically Actuated for Better Results.
- Electrically Controlled Machine Adjustment According to the Coil Size.
- Compact Design to Minimize Discomfort with Complete Automation of Circle Cutting Process.
- Hydraulically Operated.



LPG Cylinder Hydraulic Deep Draw Press



Salient Features :

- Robust H-Type fabricated frame to withstand with heavy working load.
- Professionally developed Hydraulic Power pack which consists of superior quality of control valves, pumps & other attachments.
- Specially developed & customized Heat exchanger for effectively cooling down the flowing hydraulic oil.
- Electric control panel which consist of high class switch gears & other wiring components for long lasting working.

Technical Specifications :

Main Cylinder	210 Ton
Stroke	700mm
Blank Holding Cylinder	90 Ton
Blanking Stroke	350mm
Daylight	
Minimum	500mm
Maximum	850mm
Power Capacity (HP)	100+3+2
Working Area	800mm x 900mm
Cycle Time	10- 11 Seconds
	(from circle placing to removal of formed halve)



LPG Cylinder Trimming Machine

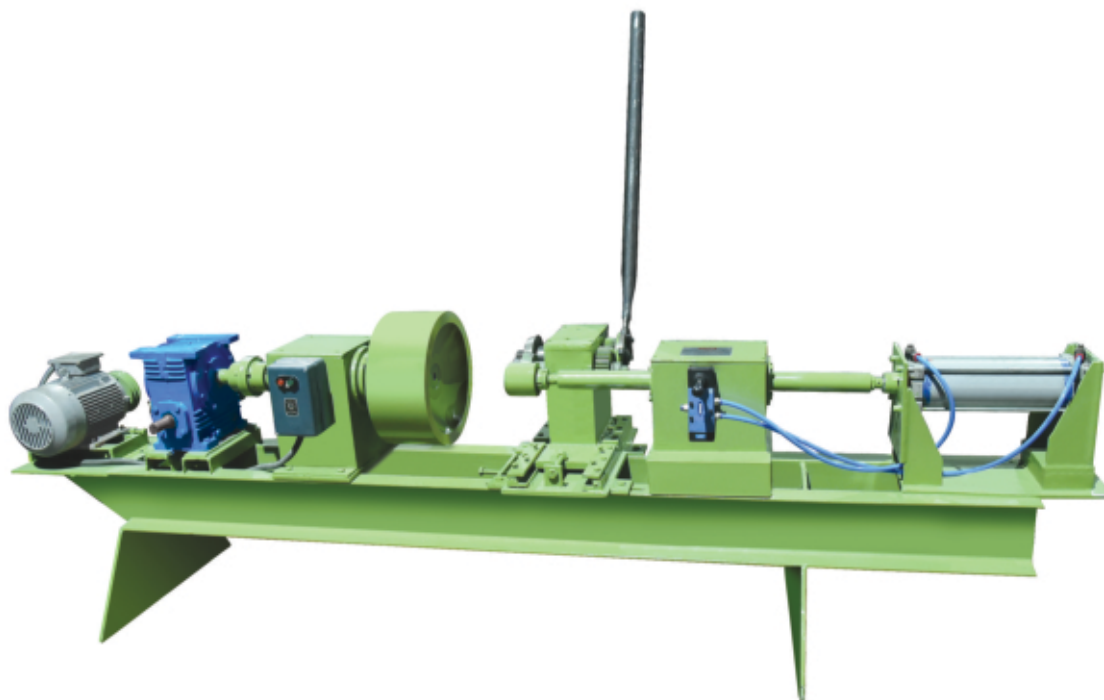
Trimming machine is used to trim cylinder halves & cut the desired length of the halves which is perpendicular to axis of cylinder halves.

Salient Features :

- Trimming Cutter set is made from die steel materia, which provides the durable life to the cutter & efficient cutting performance.
- Robust structure base.
- Easy to operate.

Properties :

Trimming thickness	2.0-4.0mm
Trimming diameter	According to customer's demand
Loading / Unloading	Manual



LPG Cylinder Bung Hole Press Machine

Bung Hole Press is generally used for Hole piercing on the one halve bottle of LPG Cylinder.

Salient Features :

- Die & Punch of hole piercing is made from high quality graded material.
- Hydraulically operated machine for efficient working performance.
- Robust frame structure.



LPG Cylinder BUNG Welding Machine

LPG Cylinder BUNG Welding Machine is a single-wire MIG Welding machine with necessary fixture and equipment to hold and rotate the LPG Cylinder and control of welding. The features of the LPG Cylinder Flange Welding Machine are :

Properties :

- Vertical rotary table to rotate LPG cylinder halves for welding operation.
- Electric Control Panel for operating Fixture which synchronise with welding operation automatically.

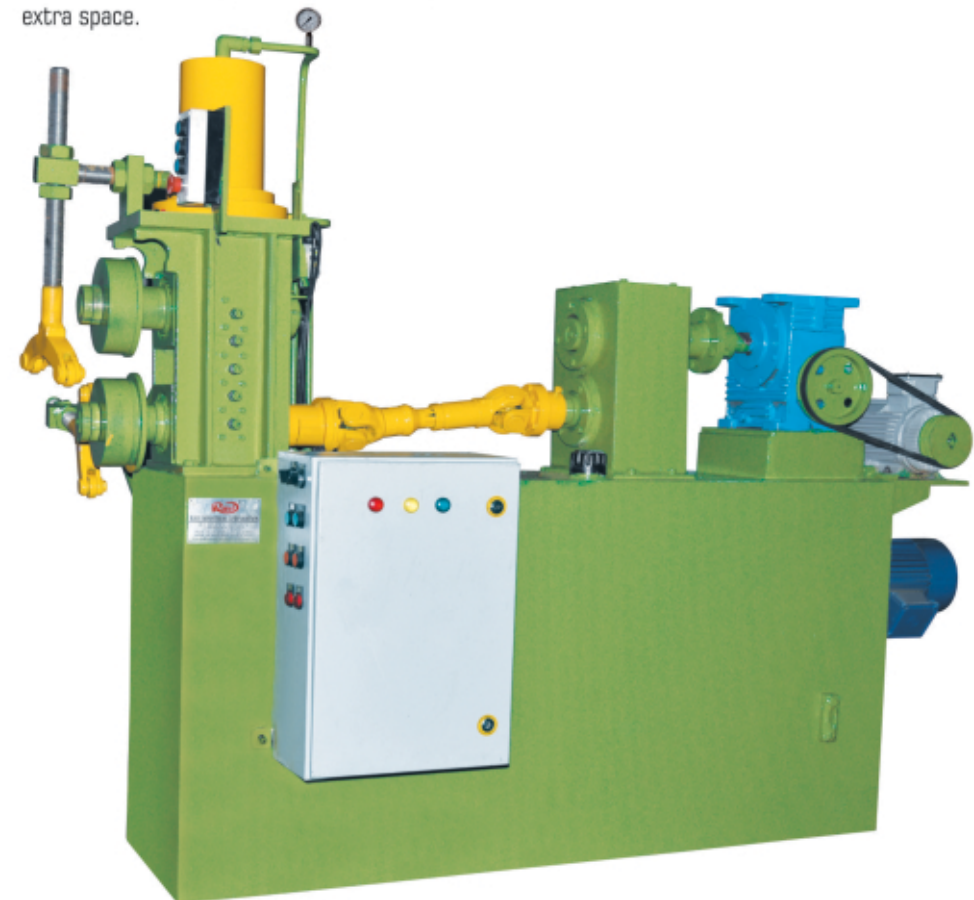


LPG Cylinder Jogging Machine

Jogging Machine which produce the bead on the female half of the cylinder.

Salient Features :

- Jogging die made from hard material for efficient work & long lasting life.
- Easy to operate as it is semi-automatic machine.
- Inbuilt Power Pack system which not occupied extra space.



LPG Cylinder Foot Ring Welding Machine

RAVI INDUSTRIAL CORPORATION produces machinery for LPG Cylinder Foot Ring to be welded on the LPG Cylinder body automatically.

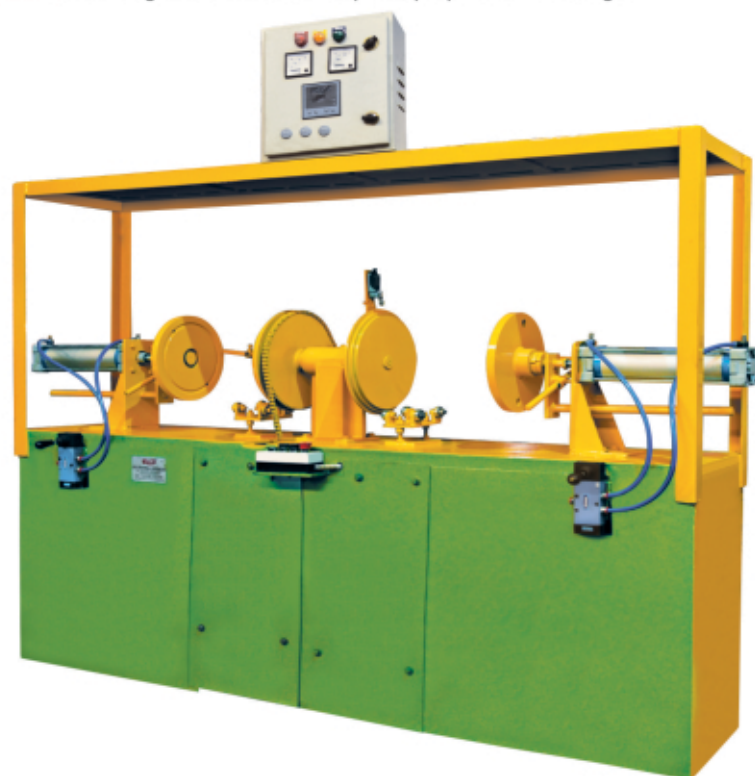
Properties :

- Horizontal type MIG welding machine with manual load/unload and automatic operation.
- Horizontal clamp of cylinder halves and the guard ring by pneumatic cylinders.
- Infinitely variable drive for the rotation of the cylinder halves during welding.
- Automatic welding head positioning, welding and unloading of the cylinder halves.

Salient Features :

- Double head station for welding to enhance the productivity.
- Electric control panel is fitted to control the Operation.
- Halves hold on the fixtures & clamped with the pneumatic cylinders.

Note : According to the customer request, properties will change.



LPG Cylinder CA Welding Machine

The LPG Cylinder CA (Circumference) Welding machine is a Metal Inert Gas (MIG) machine. The welding fixtures hold the upper and lower cylinder halves horizontally and rotate them around the axis. The features of the LPG Cylinder Body Welding Machine are:

Salient Features :

- Silent, vibration free and precision working machine.
- 3-Axis movement for welding torch holder adjustment Slide.
- Electrical Control panel for synchronize operation rotating fixture & welding.

Properties :

Welding Method	Metal Inert Gas (MIC) Welding / Submerged Arc (SAW) Welding
Welding Automate Structure	Fabricated Steel
LPG cylinder halves position in Weld Automat	Horizontal
Weld working style	Rotating halves & welding torch stationary
Loading and unloading of halves	Manual by operator
Welding Operation	Automatic by operator initiation
halves Clamping	Pneumatic cylinder
Halves Rotation	Electric motor & Gearbox
Rotation Speed	Adjustable (As per Client Requirement)

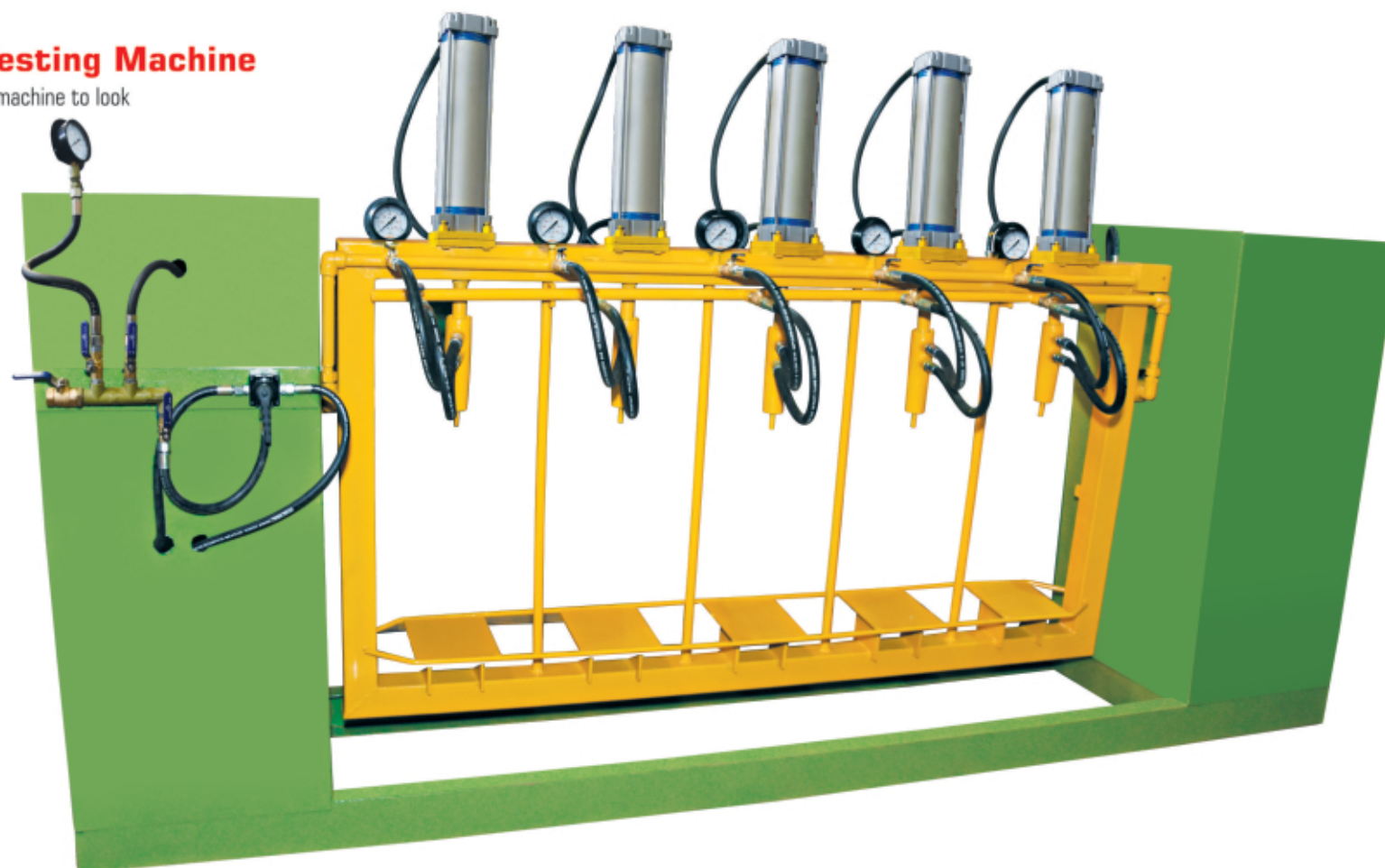


LPG Cylinder Hydrostatic Testing Machine

LPG Cylinders are tested by the Hydro-Static Testing machine to look if there is any fluid flowing from any welding defects or by any crack on the welding parts.

Salient Features :

- Cylinder clamped by pneumatic head.
- Rapid fluid drainage by using air pressure.
- Fabricated Rotating Fixture able to tilt at 180°.
- Robust fabricated frame to withstand uncertain balance.



Properties :

Machine Operation	Semi-Automatic
Test Method	Visual observed of pressured water flowing out from welding defects or cracks
Machine Structure	Tilting Steel Fabricated Frame
Number of Test Posts in Frame	05 (It can be customized)
High Pressure Testing Time	30-120 seconds
Test Cylinder Type	Domestic/Commercial (As per customer Preference)
Cylinder Loading & Unloading	Manual

LPG Cylinder Valve Fitting Machine

Salient Features :

- Quick and efficient screwing and unscrewing of valves.
- Means to avoid accumulation of leakage & incorrectly filled cylinders.
- No need for hand tools.

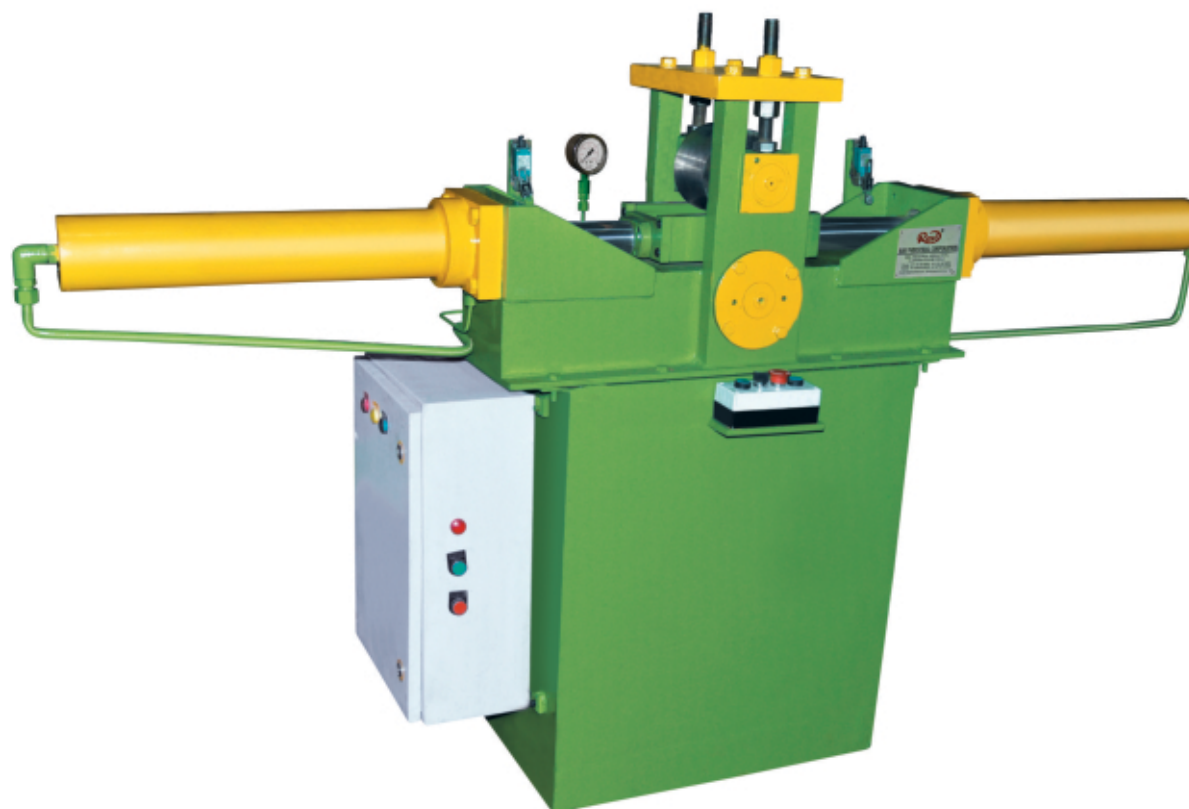


LPG Cylinder Stay Plate Embossing Machine

This machine is used to stamp details about the cylinder on a vertical stay plate/shroud of the cylinder.

Salient Features :

- Robust Frame Structure.
- Inbuilt hydraulic power pack system
- Electrically control panel for Automatic & Manual Mode Operation.
- Two Hydraulic Cylinders for alternate stroking.
- Precise & Soundless Machine.



LPG Cylinder Foot Ring Rolling & Stamping Machine

RAVI INDUSTRIAL CORPORATION develop Dual functioning Foot Ring Rolling & Stamping machine. We can get desired diameter of the Ring by means of adjusting the idle guide roller.

Salient Features :

- Rolling die set made from hard material.
- Roller which further go through from Metal Hardening process will result in an improvement of the mechanical properties, as well as an increase in the level of hardness, producing a tougher & more durable part.
- Enhance the Production & reduce the labour cost by using the two operations on same machine.

Note : According the customer request, properties will change.



LPG Cylinder Fatigue Testing Machine

Fatigue or cyclic test is a type test. This test is conducted under cyclic loads to check the fatigue strength of cylinder and cyclic pressures. Under this Test setup for ambient cycle test consists of testing 3 test cylinders.

The system will have a pressurizing unit for achieving required peak and base pressure and to detect failures when this occurs.

Valve is used for screwing / unscrewing valves from the cylinder.

This machine ensures correct tightening of the valve onto the cylinder.



OUR OTHER PRODUCT RANGE

- 'H' and 'C' Type Power Presses
- Cross Shaft & Ring Frame Presses
- Pneumatic Presses
- Two Point Presses
- High Speed Presses
- Friction Screw Presses
- Knuckle Joint Presses
- Hydraulic Presses
- Press Brakes
- Levelers & Sheet Straightening Machines
- Cut to Length Lines (CTL'S)
- Slitting Lines
- Coilers, Decoilers & Feeders



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