



UNIQUE SPM

Solution and Engineering

HYDRAULIC PRESSES

- C - Frame
- H - Frame
- 4 - Pillar
- Gib - Guided
- Hot Moulding

Certified ISO 9001 - 2008

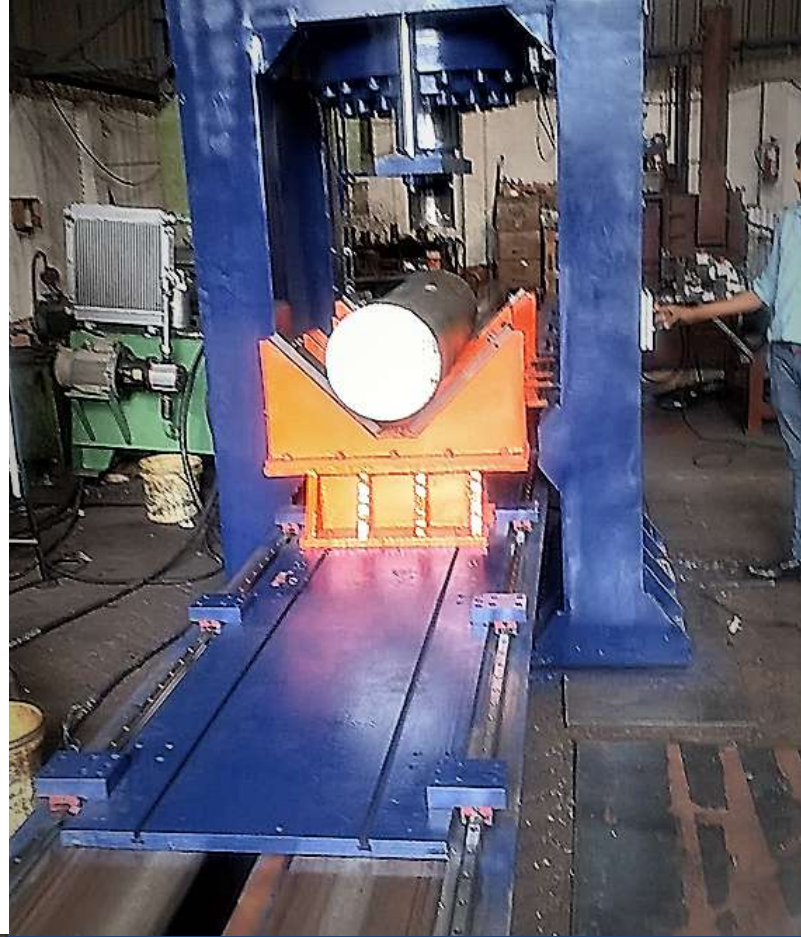
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**WITH EXPERIENCE
WITH EXPERTISE**

OUR STORY

We **Unique SPM Solutions and Engineering** incorporated in the year 2008 as a leading ISO-9001-2008 Certified Company engaged in manufacturing varied range of Hydraulic products including: **Broaching Machines and Hydraulic Presses**. We are based in Ghaziabad a prominent city of NCR. Within a limited time span, we have been able to attain a commendable reputation in the industry by offering products of unparalleled quality and functionality. Our after sales support services to our customers is apt and are appreciated for our reliability and efficiency.



MANUFACTURING STANDARDS

We follow International guidelines and standard in Manufacturing and Testing. Our machines are reliable and efficient. We follow a **Complete Client Centric Approach** and have worked with over 100 plus Clients which includes names like **HINDALCO , Volvo Eicher , Honda , Rockman and Kirby** all across the country. We are well Equipped and have a Professional team which is ready to face challenges of **INDUSTRY 4.0** .

At Unique SPM Solution and Engineering, We do not just sell Machines, We sell complete Service with End-to-End Solutions Right from Choosing the Right Machine for you to Commissioning and Training.

- High Quality Machines for Welding , Drilling , Cutting , Turning , etc. Operations along with CAD CAM facilities.
- Geometrical Accuracies as per JIS Grade
- Lean manufacturing techniques
- Demand flow and Continuous flow Manufacturing Techniques

HYDRAULIC PRESSES

Our Presses are Robust in Design and Rigid in Structure. We Manufacture Custom Built Presses of High Standards and Efficiency. These presses are widely used for Assembly line, Bush Pressing, Reviting, Shearing , Caulcking, Shaft Assembly, Shaft Straightening, Bending, Forming, Wire Harness, Punching, Drawing, Embossing, Assembly Modelling, Molding , Stamping Tableware, Electric component,etc. We Manufacture Presses according to the clients need and offer Auto Loading and Unloading Option as well. Our Presses are praised for their efficiency and After sales support.



C- FRAME

C-frame presses deliver high force while maintaining a small compact footprint. These presses offer a larger die space area and Operating volume, and output force ranges from 20- 300 tons. C-frame hydraulic presses, also commonly referred to as gap frame. Three access points to the working area facilitate part loading and unloading as well as easy die maintenance and adjustments.

Up to 300 Tons

H- FRAME

Applies a special loop for high speed and safety. Precise and easy to handle with efficiency. The enhanced ram guidance offered by 2 posts minimizes deflection for a more consistent die alignment. These presses are preferred for Assemblies in a Press Line due to their Symmetry.

Up to 1000 Tons



4 - PILLAR

FOUR POST hydraulic presses are commonly used for applications that require access to all four sides of the die area. These applications usually involve tightly controlled automation and feeder systems for the loading and unloading of various types of parts. Each press is guided by replaceable, graphite-impregnated bronze bushings and solid, chrome-plated posts to ensure years of maintenance-free, reliable operation. Allows four-sided access to the working area and has Modular design, built to your specifications. Virtually no restrictions on bed size customization.

Up to 2500 Tons

GIB GUIDED

Gibs are press components that guide the reciprocating motion of the ram to maintain superior squareness and parallelism throughout the stroke. This Structure and Built offers superior rigidity and uses self-lubricating, graphite-impregnated bronze wear strips to provide the most precise level of ram guidance.

Up to 2500 Tons



HOT MOULDING

Hot pressing is a high-pressure, low-strain-rate powder metallurgy process for forming of a powder or powder compact at a temperature high enough to induce sintering and creep processes. This is achieved by the simultaneous application of heat and pressure. We manufacture Specially made Presses for **Explosive Materials for the Defense and Aerospace Sectors.**

Up to 1000 Tons

INDUSTRIAL AUTOMATION AND MANUFACTURING

Industrial automation in manufacturing is the use of "intelligent" machines in factories so that manufacturing processes can be carried out with minimal human intervention. In our case it involves the application of various control systems to enable the Component to carry out on their own, with little human intervention, tasks that require speed, endurance and precision like Broaching and Presses. We offer the Option of **Automatic Loading and Unloading Lines** in our Machines along with Option for Testing of the Components.



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(ISO 9001-2008)