

BROACHING MACHINES



UNIQUE SPM

Solution and Engineering

- Vertical Broaching Machines
- Table - Up Broaching Machines
- Surface Broaching Machines
- V-Notch and U-Notch Notching Machines

Certified ISO 9001 - 2008

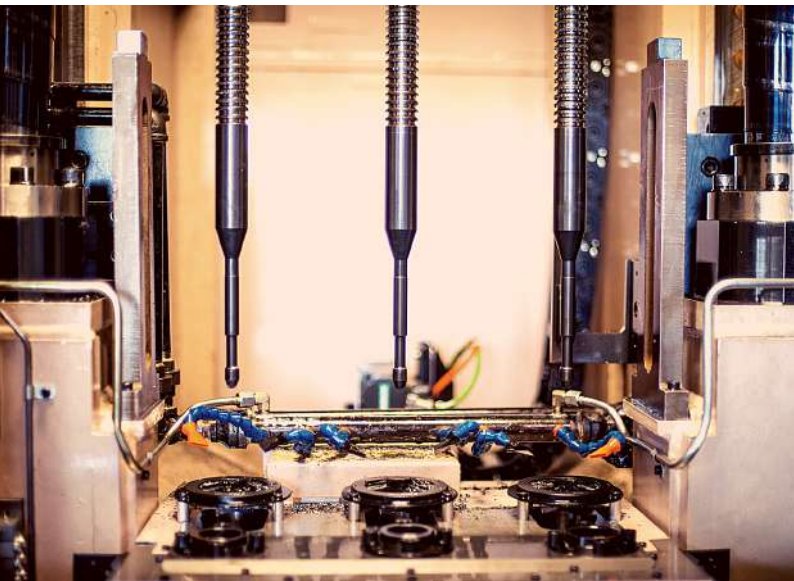
Visit: www.uniquespm.com



**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.



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.

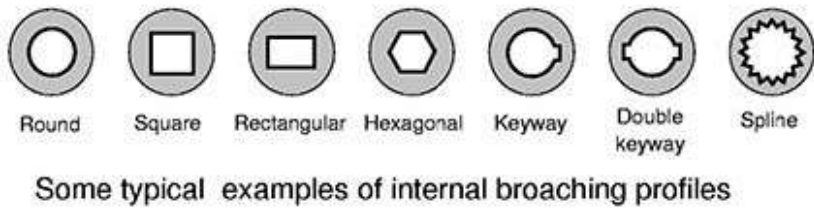
MANUFACTURING STANDARDS

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** .

- 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

BROACHING MACHINES

High productivity and precision components is the need of the hour. Broaching is the most simple and highly productive Metal cutting technology process. Our Broaching Machines are Robust and Rigid in Design as this operation produces vibrations. Roughing, Semi Finishing and Finishing of the components is done in just unit pass seconds. Majorly used for internal broaching of gears, internal splines, key-way, bore, routers, couplings, grooves, specific profiles, sprockets, levers, etc.

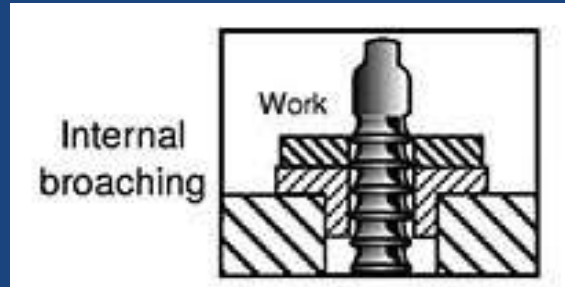


Some typical examples of internal broaching profiles

We manufacture **Vertical , Horizontal , Table-Up , Helical and Surface Broaching Machines** right from the scratch according to the Clients need and offer the most efficient Engineering Solutions to them.

VERTICAL BROACHING

In this the Broach runs Linearly against the workpiece cutting it on the way. Vertical Broaching Machines consume Less space and have low Maintenance. These machines are preferred the most for Mass Production.



TONNAGE	STROKE
3	800/1000
6	1000/1200
10	1200/1600
12	1200/1600
16	1400/2000
20	1600/2000
25	1600/2000
32	1800/2200
40	2000/2500
50	2500



TABLE-UP BROACHING

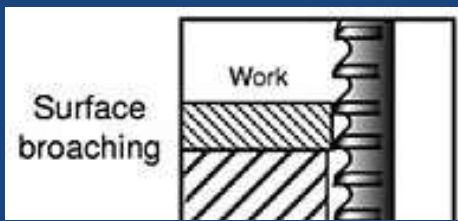
These Machines completely remove the need of Pits or Elevated Operator Platform for installation. Table Up Broaching Machines offer highest precision in Broaching Process. Most importantly the whole process is very clean and precise in these machines due to their Robust and Smooth Design.

TONNAGE	STROKE
6	1000/1200
10	1200/1600
12	1200/1600
16	1400/1800
20	1600/2000
25	1600/2000
40	2000/2500

SURFACE BROACHING

In this the Broach runs Linearly against the surface of the workpiece cutting it on the way creating grooves on the Surface of the Components. Surface Broaching Machines saves space and can be completely Automated. These machines are highly precise and suitable for Mass Production as well.

TONNAGE	STROKE
3	600/800
6	800/1200
10	1200/1600
12	1200/1600
16	1400/1800
20	1600/2000
25	1600/2000
40	2000/2500



U & V NOTCHING

U-Notch and V-Notch Machines are used to create U and V Notch in one sweep go. Mainly used by Tubes and Pipes Manufacturers and Suppliers. Notching Machines are preferred over Pressing Operation in case of creating U and V Notches. This machine, is a high-efficiency curve shearing device for sheet metal, is widely used for mechanism manufacturing, cabinet manufacturing, vehicle, Household Appliances, light industry and etc.



SALIENT FEATURES

- Vertical Designs Saves Costly floor space , elimination of sag of Broach and More Accurate Results.
- Convenient Operator Console.
- Built In Coolant Reservoir and system
- Extra Trays for easy Component Handling

OPTIONAL ACCESSORIES

- Automatic Loading and Unloading of Component.
- Chip Conveyor Unit
- Double and Triple Station Facility.
- Electronic Load Monitor
- Broach Retriever System
- False Plate for Multiple Station Machines
- Rotating Brush for Cleaning Broach after each cycle.
- Broaching Fixtures



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