



Since 1979



DIPESH INDUSTRIES

Hydraulic Thread Rolling Machine Manufacture



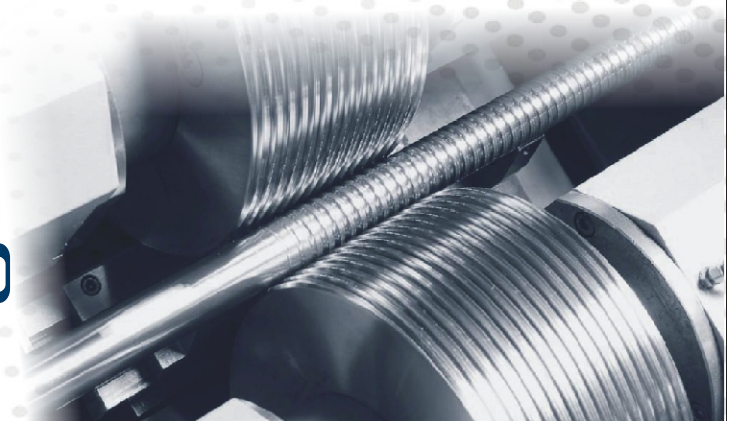
ABOUT US

Dipesh Industries Founded in the year **1979**, at **Rajkot (Gujarat, India)**, we "**Dipesh Industries**" are a leading **Manufacturer** and **Supplier** of a superior quality range of **Hydraulic Thread Rolling Machine** and **Hydraulic Circular Thread Rolling Machine**. Under the futuristic direction of our **CEO - "Mr. Dipeshbhai Nandlalbhai Makwana "** **MD - "Ankitbhai Dipeshbhai Makwana "**.

We are Manufacturer of Hydraulic Thread Rolling Machines, and All Types of Thread are done in Thread rolling machines Hydraulic and spare parts of all types of thread rolling machines. With our dedication and expertise, we have one thousands of customers from different corners of the world, creating a new level of trust amongst them. They rely on us for our customer centric approaches and our ability to meet their exact requirements through cutting edge products. At Thread Form Machine Industries, we combine technology with innovation, and crave for achieving perfection with the. All our the products.



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**Hydraulic Thread Rolling Machine
Model DI 25mm**



**Hydraulic Thread Rolling Machine
Model DI 40mm**



Hydraulic Thread Rolling Machine Two Roll Type

TWO ROLL TYPE	DI - 25
Max. Pitch can be Rolled (in mm)	2.5 (TPI)
Max. Dia can be Rolled in Feed (in mm)	25
Max. Dia can be Through Feed (in mm)	18 (2mm TPI)
Max. Rolling length in Feed (in mm)	80
Max. Rolling Length Through Feed	Indefinite
Max. Outer Dia Thread Rolls (in mm)	130
Spindle Dia (Bore Dia) (in mm)	40
Max. Width Thread Rolls (in m)	80
Max. Rolling Force	8 Tons
Spindle RPM	25 / 40
Power for Roll Spindles	3 H.P. 1440 RPM
Power for Hydraulic Pump	2H.P. 1440 RPM
Power for Coolant Pump	0.15 H.P. 2800 RPM

TWO ROLL TYPE	DI - 40
Max. Pitch can be Rolled (in mm)	3.5 (TPI)
Max. Dia can be Rolled in Feed (in mm)	40
Max. Dia can be Through Feed (in mm)	32 (3mm TPI)
Max. Rolling length in Feed (in mm)	125
Max. Rolling Length Through Feed	Indefinite
Max. Outer Dia Thread Rolls (in mm)	180
Spindle Dia (Bore Dia) (in mm)	54
Max. Width Thread Rolls (in m)	125
Max. Rolling Force	12 Tons
Spindle RPM	25 / 40
Power for Roll Spindles	5 H.P. 1440 RPM
Power for Hydraulic Pump	2H.P. 1440 RPM
Power for Coolant Pump	0.15 H.P. 2800 RPM



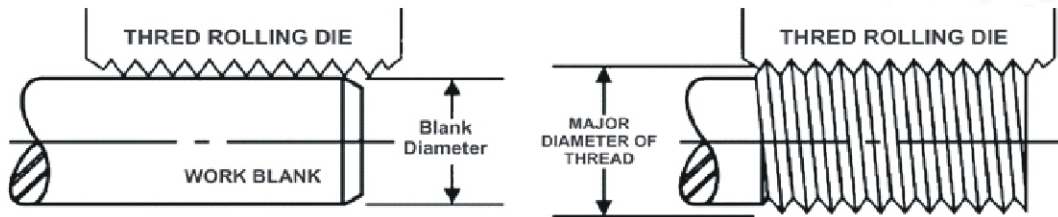
INFORMATION ABOUT HYDRAULIC THREAD ROLLING MACHINE

A **Hydraulic Thread Rolling Machine** with two rolls is a specialized industrial tool used for the process of creating external threads on cylindrical workpieces. These machines operate by applying hydraulic force to the workpiece between two rolls, displacing the material to form threads. Here are some key features and information about Hydraulic Thread Rolling Machines with two rolls :

- 1. Two-Roll Design :** The two-roll design is a defining feature of these machines. It provides efficient thread rolling capabilities with a simpler configuration compared to three-roll machines.
- 2. Cold Forming :** Like other thread rolling methods, Hydraulic Thread Rolling Machines (2 Roll) use a cold-forming process to create threads. This cold-forming process results in threads with exceptional strength and durability compared to traditional cutting methods.
- 3. Precision Threading :** These machines are engineered for precision. They create accurate and consistent threads, meeting industry standards and providing secure and reliable connections.
- 4. Hydraulic Power :** Hydraulic operation is a common feature of these machines, providing the necessary force for thread rolling. The hydraulic power enhances the efficiency and accuracy of the process.
- 5. Versatility :** Hydraulic Thread Rolling Machines (2 Roll) are versatile tools and can accommodate various workpiece sizes and materials, making them suitable for a wide range of applications.
- 6. Durability :** These machines are constructed to withstand the demands of industrial environments. They are made from high-quality materials to ensure long-lasting performance.
- 7. User-Friendly Operation :** Hydraulic Thread Rolling Machines (2 Roll) are designed to be user-friendly, allowing operators to quickly learn and use them with minimal training.



Thread rolling is a chipless cold forming process. A plain cylindrical blank, with a diameter part way between the major and minor diameters of the finished thread, is rotated and squeezed between cylindrical type hardened steel dies whose working surface are the reverse of the thread form to be produced. The threads of the die penetrate the surface of the blank as it rolls between them, displacing material to form the roots of the threads, and forcing the displaced material readily outward to form the crests. Unlike other threading process, no material is wasted.



Most threads are rolled by the in-feed method in which the entire thread length is formed simultaneously without axial movement of the part. Threads that is too long to be produced by the in-feed method can, however, be rolled by a thru feed method on these type of machine

- ▶ **Applications**
- ▶ **Fasteners**
- ▶ **Automotive Industry**
- ▶ **Aerospace**
- ▶ **General Manufacturing**

Our Machine is in Following State / City's

- ▶ **Gujarat**
- ▶ **Maharashtra**
- ▶ **Tamil Nadu**
- ▶ **Karnataka**
- ▶ **Delhi**
- ▶ **Rajasthan**



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