

An ISO 9001:2015 Certified

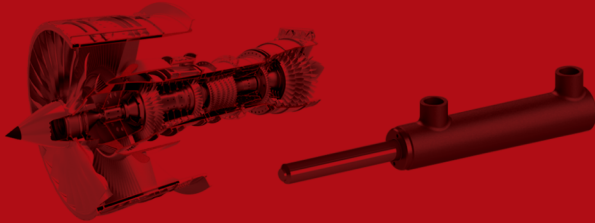
ARI-HONE HT-CNC SERIES HORIZONTAL TUBE HONING MACHINE

POWERFUL, RUGGED & PRECISE



Key Focus:

*Cylinder Liners, Hydraulic Cylinders,
Extrusion Cylinders, Aircraft Components,
Compressor Components*



Designed for low- to mid-volume production, the **ARI-HONE HT-CNC** is the first competitively priced large-part honing machine on the market. With servo stroking system, the **ARI-HONE HT-CNC** produces precise bore geometries on Hydraulic tubes, oil field components, multi-bore, turbiness shaft and other similar applications.

Ideal for both job shops and repair facilities, the **ARI-HONE HT-CNC** is available with a variable-speed spindle motor, powerful enough to drive metal-bond, diamond abrasives for short cycle times with high accuracy and minimal labor.

The **ARI-HONE HT-CNC** is the latest industry-leading honing system. It is built to make your honing faster, easier, more precise, more productive and more profitable.

- Designed for bores with an ID of 25-350 mm
- PLC controlled with a large color touch screen for ease of use and setup.
- Built to handle large parts.
- Servo stroking mechanism improves geometry over previous generation, similarly priced machines.

Gala No. 1, Sanskruti,
Sagar Signature Complex,
Waliv Phata, Vasai (East),
Palghar Dist. - 401208,
Maharashtra, India.

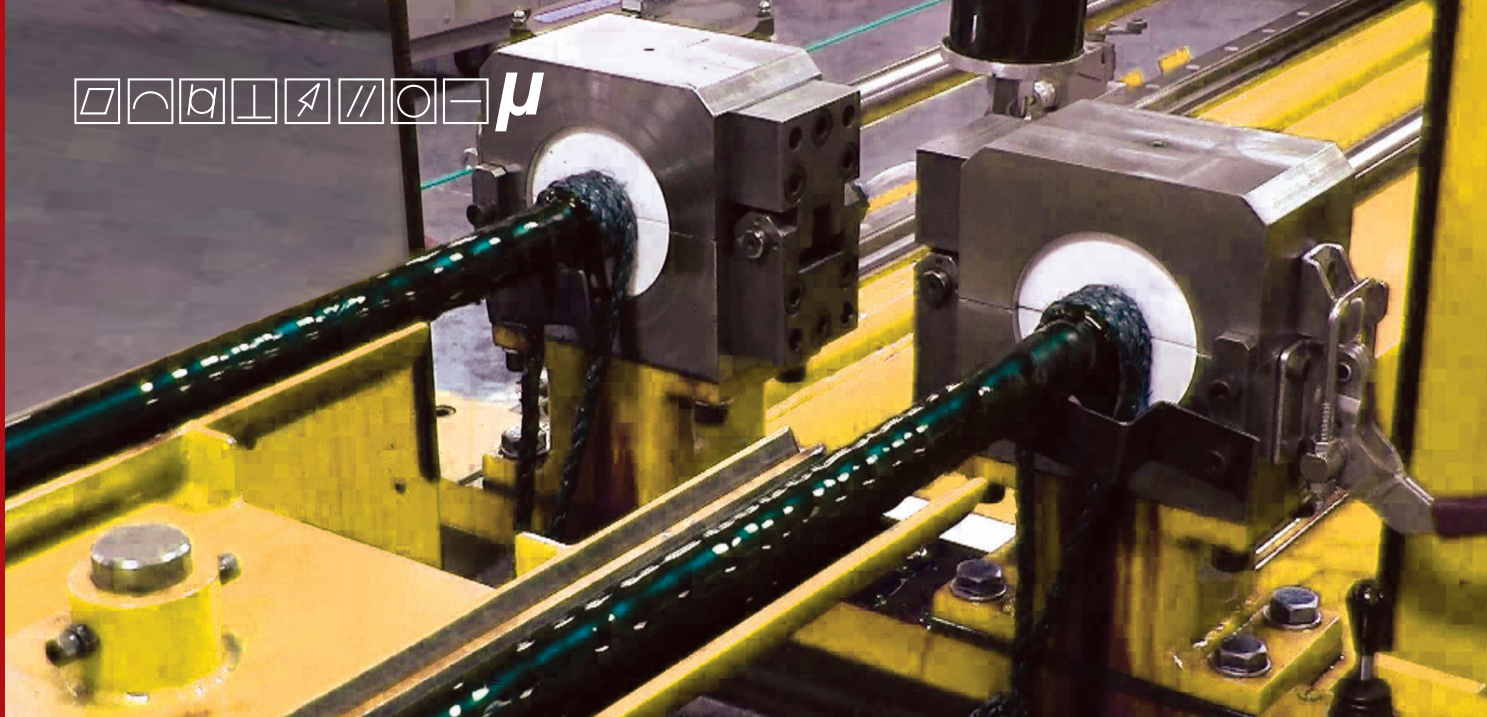
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CIN No: U74120MH2014PTC255058

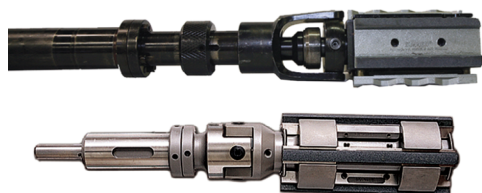


**ARIHANT HONING & FINISHING
TECHNOLOGY (I) Pvt Ltd**

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The ARI-HONE HT-CNC drives diamond abrasives in the production or job shop. Standard & Optional Features



Models Available:

| | |
|----------|--------------------------|
| 2000 HT | 2000 mm length capacity |
| 4000 HT | 4000 mm length capacity |
| 6000 HT | 6000 mm length capacity |
| 8000 HT | 8000 mm length capacity |
| 10000 HT | 10000 mm length capacity |
| 12000 HT | 12000 mm length capacity |

Specifications:

| | |
|-----------------------------|---|
| Spindle Speed: | 15-600 RPM |
| Spindle Power: | 5/10hp options |
| Stroker: | Servo |
| Expansion: | Servo |
| COMPONENT: | Min ID-25mm, Min OD-60mm, Min length-500 mm, Max length-12000mm |
| Maximum Workpiece Weight: | 1000 kg |
| Machine Weight: | Dry Weight: 2000 kg, Shipping Weight: 2823 kg. |
| Honing Fluid/Filter System: | Honing Oil Reservoir: 284-litre capacity with standard canister filters |
| Voltages Available: | Electrical System: 400 VAC 50 Hz 3 phase: |

*Diameter range, length range and workpiece weight are contingent on workpiece and application.

Variable speed 15-600 rpm, spindle motor is powerful enough to drive two-stage, metal-bond, diamond abrasives for short cycle times with high accuracy and minimal labor and has more torque than previous machines.

The front loading design and weight capacity of up to (1000 kg) combine in versatility in honing a wide range of parts.

PLC-controlled with a large 8 inch color touch screen that is rugged and eliminates cumbersome buttons that collect oil, dirt and grime. The swiveling operator panel can be adjusted for viewing from a variety of positions.

Standard coolant system is equipped with two standard canister filters on the back of the machine, saving valuable floor space. Proven servo stroking system allows for increased flexibility and performance. Heavy-duty welded base for durability. Easy to remove pans for cleaning and longer filter life.

The **ARI-HONE HT-CNC** puts you in complete control for increased precision, consistency, productivity and quality.

Easy & Economical

The **ARI-HONE HT-CNC** is simple to operate... even an inexperienced operator can learn to run it in a few hours because of the intuitive, easy-to-use screens and machine recommended settings. Setup is quick and easy using the menu-driven PLC control. Stock removal is preset and the machine shuts off automatically when the honing cycle is completed. Stroke and spindle operation are computer controlled for consistent geometry and finish from bore to bore. No continual adjusting to maintain accuracy. All controls are easy to reach, out front, and at eye level. And, you can change stones in seconds.



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