



An ISO 9001:2015 Certified

# ARIHANT 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 **ARIHANT HT-CNC** is the first competitively priced large-part honing machine on the market. With servo stroking system, the **ARIHANT 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 **ARIHANT 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 **ARIHANT 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.



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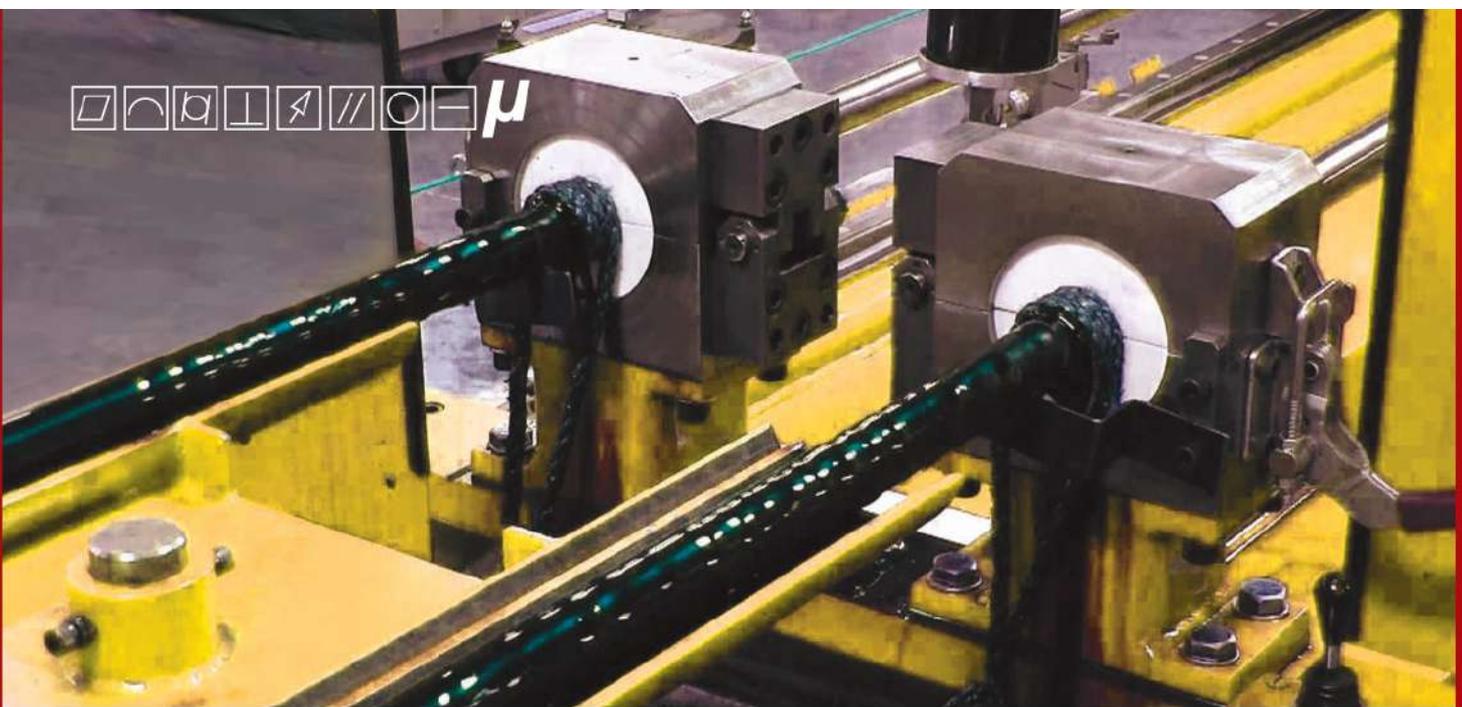
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**ARIHANT HONING & FINISHING  
TECHNOLOGY (I) Pvt Ltd**

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## The ARIHANT 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 ARIHANT HT-CNC puts you in complete control for increased precision, consistency, productivity and quality.

### Easy & Economical

The ARIHANT 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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**DARMANN**  
ABRASIVE PRODUCTS