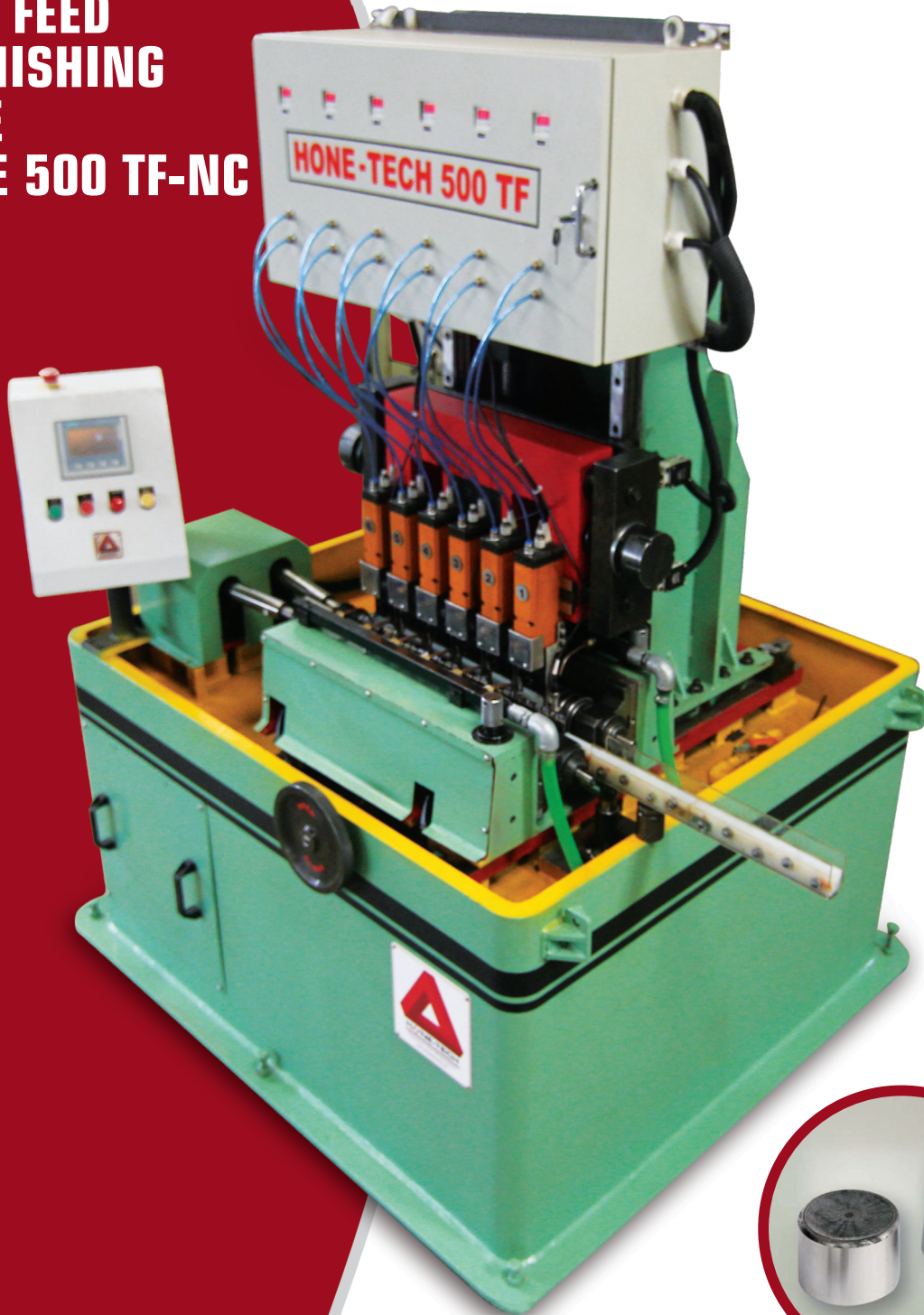


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An ISO 9001:2015 Certified

# THROUGH FEED SUPERFINISHING MACHINE ARI-HONE 500 TF-NC



Machining of cylindrical  
and tapered rollers

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

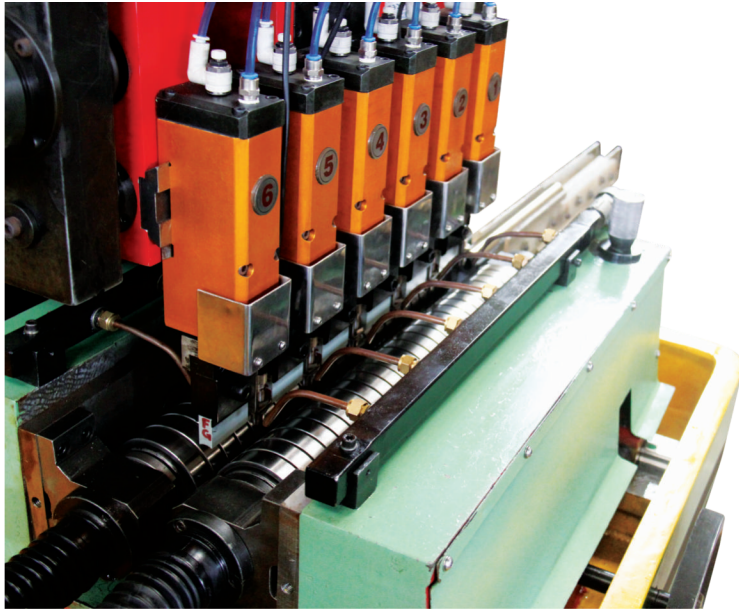
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CIN No: U74120MH2014PTC255058



## ARIHANT HONING INDIA PVT LTD

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## Through Feed Super Finishing Machine ARI-HONE-500 TF-NC Super finish Machining of Cylindrical Rollers & Tapered Rollers

- Continuous Superfinishing process for high volume production of Rollers
- Dynamically balanced Servo controlled oscillator
- Vertical Superfinishing unit adjustment for stone and Roller change
- Connection of up to 8 stone guides with fast change system
- Infinitely adjustable and individually controllable stone pressure With pneumatic servo valves
- Stone wear indication supporting fully automatic operation-option
- Infinitely adjustable transport roller gap, optionally automatic
- Transport rollers with an effective length of 500mm,800mm and 1200mm
- CNC Profile ground transport rollers available to generate specific workpiece geometries
- Automatic workpiece feed as option



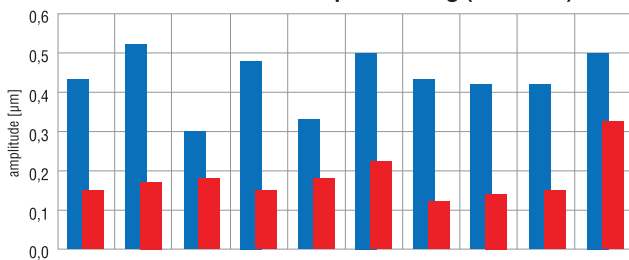
	Arihant 500TF	Arihant 1200TF
Workpiece diameter	5-30mm	8-60mm
Workpiece length	upto 100mm	upto 400mm

### Cylinder rolls

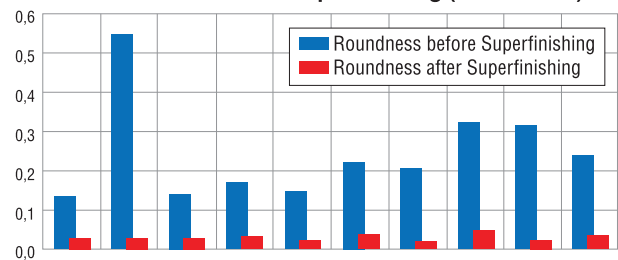


Roller  $\phi$  approx : 13 mm    Roughness Ra : 0.04 $\mu$ m  
Length approx : 18m    Production rate : 400 parts per min.

#### Roundness before/after Superfinishing (filter 1-15)



#### Roundness before/after Superfinishing (filter 15-500)



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