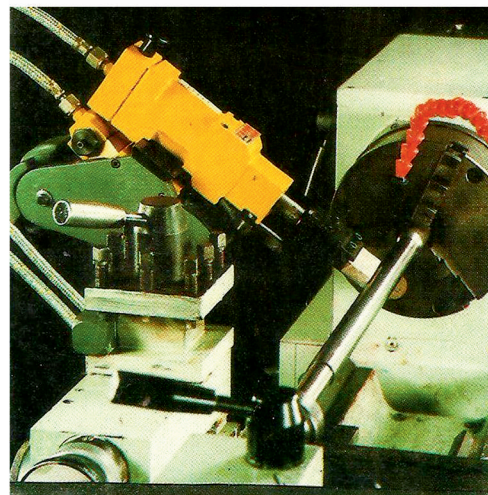
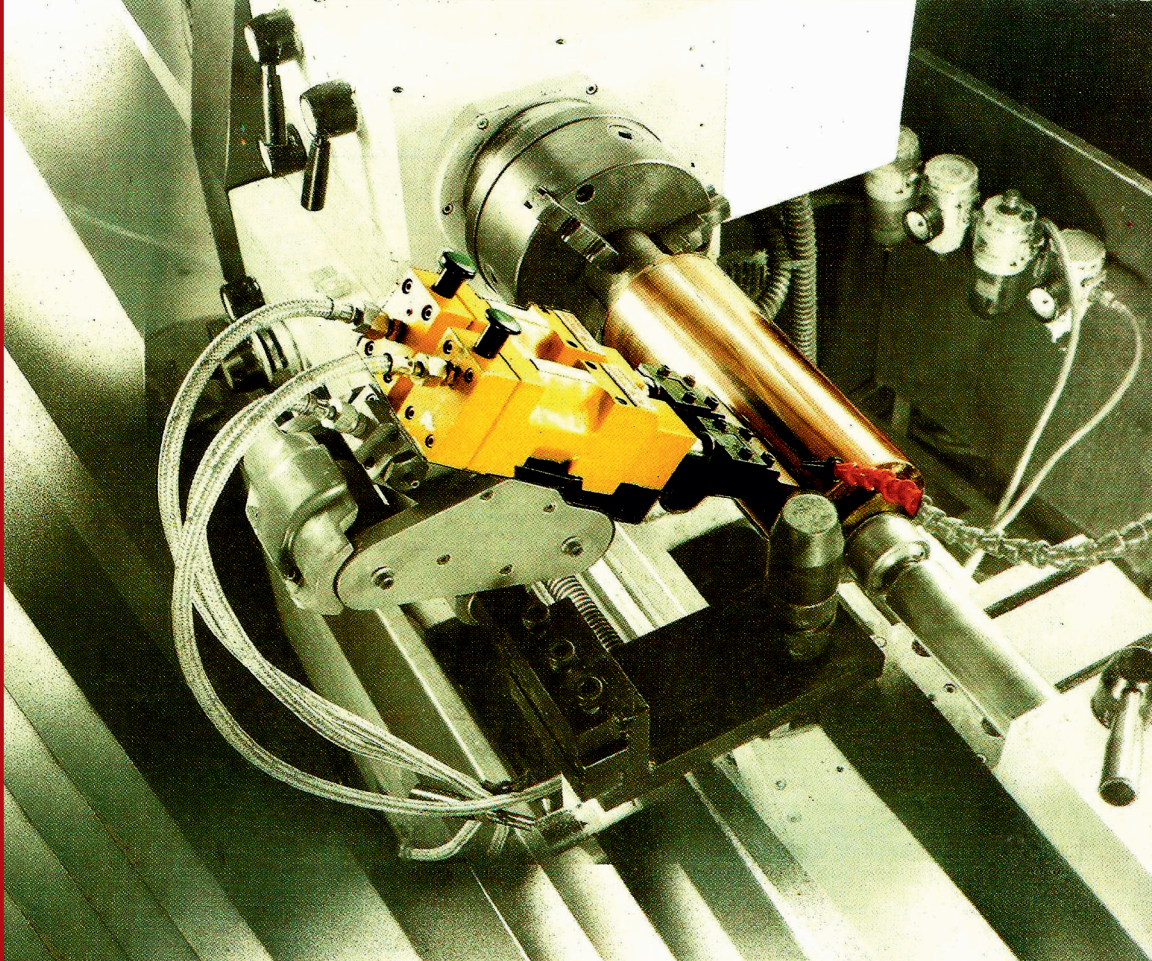


ARI-HONE SUPER FINISHING ATTACHMENT 50 LT / 50 LT x 2



An ISO 9001:2015 Certified



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ARIHANT HONING INDIA PVT LTD

— AN ISO 9000 -2015 COMPANY —

TECHNICAL SPECIFICATION

MODEL	ARISUP - 50 LT	ARISUP - 50 LT x 2
Mounting Job: diameter length clamping	Generally on lathe As per capacity of lathe – do – (i) Between centres (ii) Chuck (iii) Special fixtures	Generally on lathe As per capacity of lathe – do – (i) Between centres (ii) Chuck (iii) Special fixtures
Pneumatic power unit Amplitude Oscillations	2 - 5 mm 2000 - 2500 strokes / min	2-5 mm 2000 2500 strokes / min
Superfinishing head Number Feed Travel	1 Pneumatic Depend on lathe	2 Pneumatic Depend on lathe
Coolant system Use external coolant system	Use external coolant system	Use external coolant system
Pneumatic system requirement Air compressor Air consumption Air pressure Air quality Fittings FRL (std. accessories)	1 HP 8-12 Nm ³ / Hr 4 Bar Dry & lubricated 1/4" BSP 1/4" BSP size	1 HP 14 - 18 Nm / Hr 4 Bar Dry Lubricated 1/4" BSP 1/4" BSP size

APPLICATION:

ARISUP 50 LT & 50 LT x 2 are very useful for finishing various Shafts, Automatic Rocker Shafts, Piston Rods, Hard Chrome - Cooper Plated/Aluminium Rolls, Rotogravure Rolls, Gear Shafts, Needles, Spindles & Contact area of Seals.

All ground or fine turned components can be superfinished. The working range will only be restricted by the capacity of the machine tool on which it is mounted. For large components and higher production ARISUP 50 LT x 2 would be more economical.

OPERATION:

It can be mounted on a lathe. A fine grit superfinishing stone (320 to 1000 grit or higher) is pressed against rotating component with the help of pneumatic cylinder. During superfinishing operation, the component rotates, superfinishing stone oscillates parallel to the axis of the component at a very high frequency generated by pneumatic power unit.

By Regular flushing action with the help of coolant, high degree of surface finish as fine as Ra-0.02um can be achieved. This also improves roundness & bearing contact area eliminating chatter marks, feed spirals resulted during previous operations.

Also taper superfinishing, plunge cut superfinishing and I.D superfinishing in special cases can be done.

OTHER MODELS:

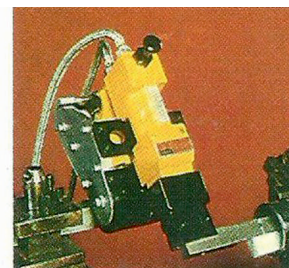
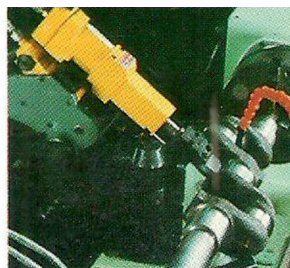
Arisup 50LT XL - Superfinishing Machine with extra long head available.

OTHER MACHINES:

Manual / Autostroking Horizontal Honing Machines, Vertical Honing Machines, Centreless Throughfeed Superfinishing Machines, Lapping Machines, Die Polishing Machines, S. P. M Honing/Lapping/Superfinishing.

IMPORTANT:

- In keeping with our continuous programme of updating technology, we reserve the right to change specifications without notice.



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