

TECHNICAL SPECIFICATIONS:

Length of Rod: 18" to 20'.

- Maximum Weight: 10,000 pounds.
- Rod Diameter: 1" to 15".
- Max Diameter Eye on Rod: 12.5" wide x 24" O.D.

- Component Approval: NEMA and CSA approved

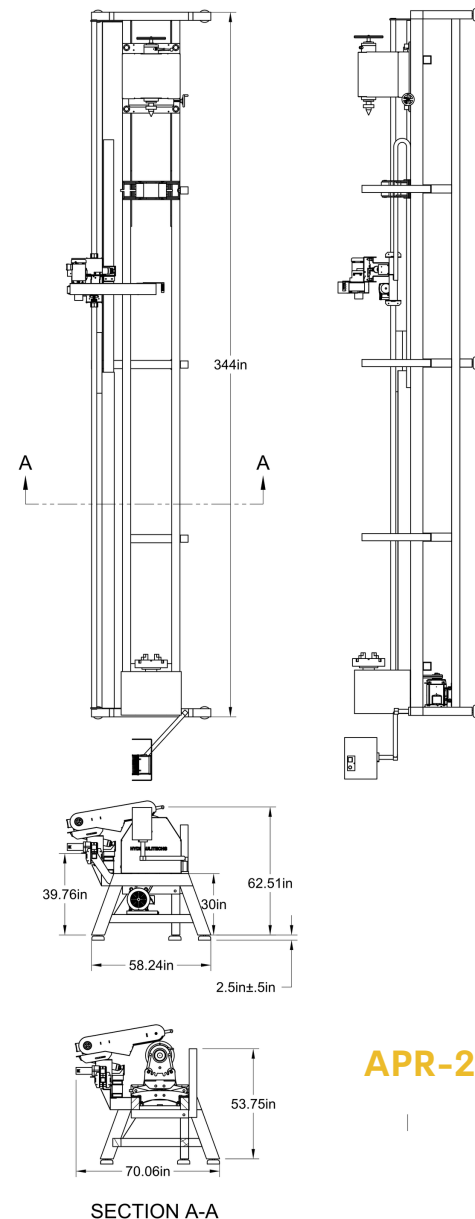
- Components: All components will be easily accessible in North America.

- Machine Length: 26 feet.
- Belt Grinder: 3 horsepower, 3,200 RPM TEFC motor.

- Chuck Design: 4 independent jaws, external diameter of 20".

- Chuck and Tail Head Design: Both fixed in height, with tail stock spindle stroke adjustment of 6" accept a Morse taper #6.

- Polishing Head: Can be used in automatic or manual mode, with a hood for operator safety and a 3" diameter port for dust collection.



APR-24



HYDRAULITECHS

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” *Hydraulitechs is very easy to deal with, and they were generous going the extra mile. We are very pleased with our purchase, and we are now saving maney...as well as saving our backs!*

-Wayne Bueckert, Industrial Surface Technologies.



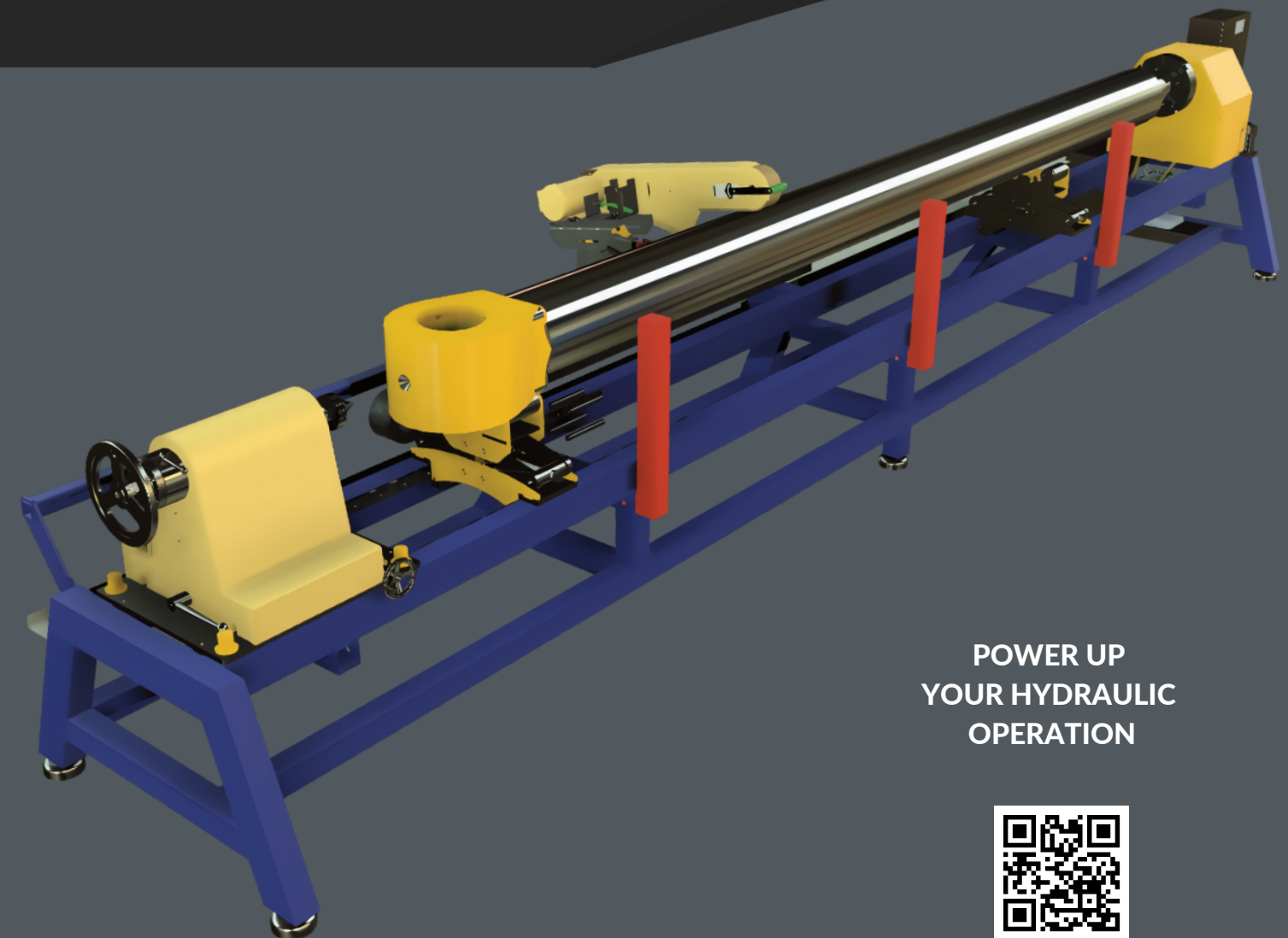
HYDRAULITECHS

ROD POLISHER

AUTOMATIC/MANUAL FEED SYSTEM

APR-24

APR-24 Rod polisher is a high-quality, reliable machine designed for efficient and precise polishing of rods. It features a manual and automatic full PLC/VFD system, providing greater flexibility and ease of use. With a 7.5 horsepower, VFD controlled 1,750 RPM PMAC motor as the spindle drive, 3 horsepower, 3600 RPM sander drive and ¼ horsepower DC variable motor as the sander head travel drive, this machine allows for easy adjustment of the RPM of the rod, from 0 RPM to 300 RPM.



**POWER UP
YOUR HYDRAULIC
OPERATION**



PRODUCT BENEFITS:

Efficient and Precise:

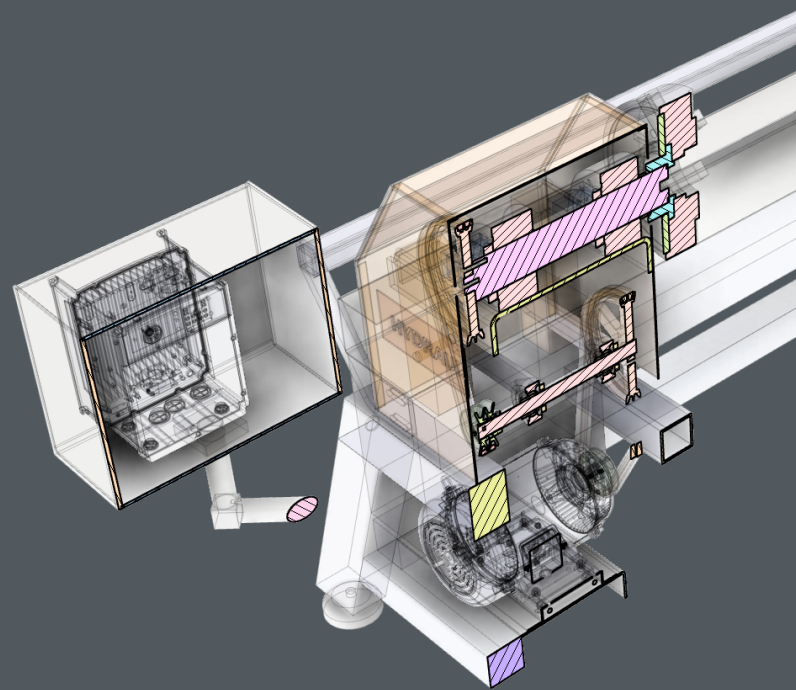
The APR-24 is designed for efficient and precise polishing of rods, ensuring consistent results every time.

• Safe and User-Friendly:

The machine features adjustable limit switches and rollers for safety, as well as an easy-to-use control panel.

• Versatile:

The frequency drive and adjustable sanding belt make this machine versatile for various polishing and repair jobs.



FEATURES

1. Automatic/Manual Feed System:

The APR-24 features an automatic/manual feed system for greater control and flexibility.

2. Electro Pneumatic Sander Engagement:

The device's electro pneumatic sander engagement ensures precision and consistency during the polishing process.

3. Position Adjustment Limit Switch:

The position adjustment limit switch allows for accurate positioning and prevents over-polishing.

4. Sander Pressure Control:

The sander pressure control allows the user to adjust the pressure for optimal polishing results.

5. Manual and Automatic full PLC/VFD System:

The APR-24 features a manual and automatic PLC/VFD system, providing greater flexibility and ease of use.

6. Emergency Stops:

The emergency stops ensure safety during operation.

7. Cycle Counter Control:

One of the key features of the APR-24 rod polisher design is the ability to set the automatic polishing cycle number conveniently through a user-friendly touch screen.

8. Dust Collecting Cover:

The dust collecting cover attachable to an external dust fan helps to keep the workspace clean and free of debris.

9. Safety guard for Operator Side:

The safety guard for operator side ensures safety during operation.

10. Electrical Cabinet/Control Cabinet:

The APR-24 features a NEMA electrical cabinet with overload protection and stop/start buttons, as well as an emergency push button for safety.

11. Limit Switches:

The operator can move the limit switches along the length of the bench to determine the length to be polished.

12. Chuck and Tail Head Design:

The chuck on the left and tail head on the right end side, with a chuck design of 4 independent jaws and a diameter of 20". The chuck and tail head are both fixed in height, and the tail stock accepts taper shank morse #6.

13. Polishing Head:

The polishing head can be used in either automatic or manual mode, and features a hood protecting the operator from pinch points. There is also a 3" diameter port to connect the dust collecting system.

