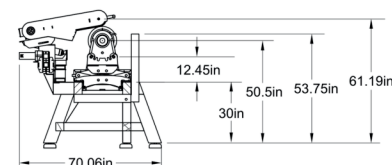


APR-24



SECTION A-A
SCALE 1:20

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.

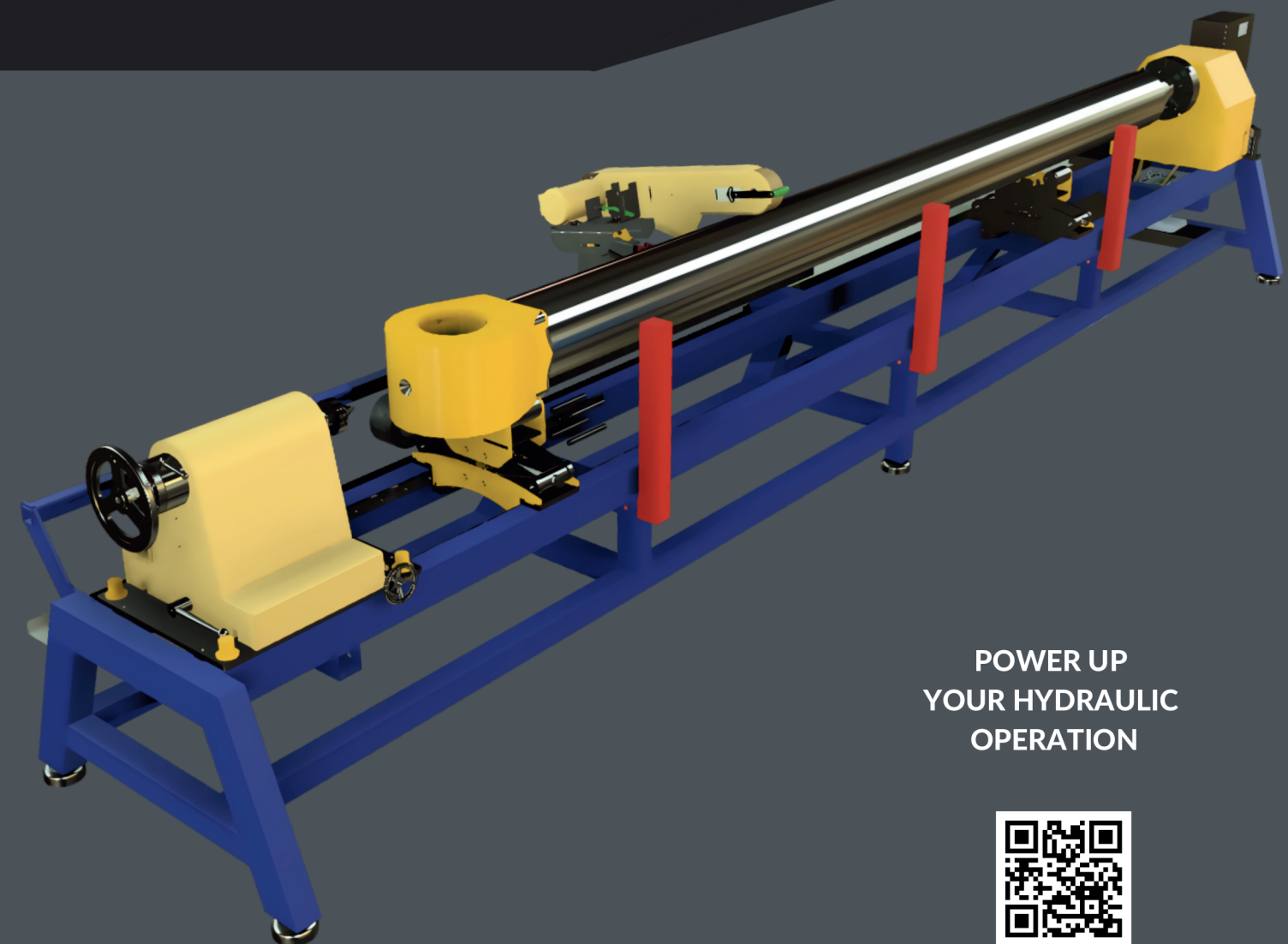


ROD POLISHER

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.



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-Wayne Bueckert, Industrial Surface Technologies.

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:

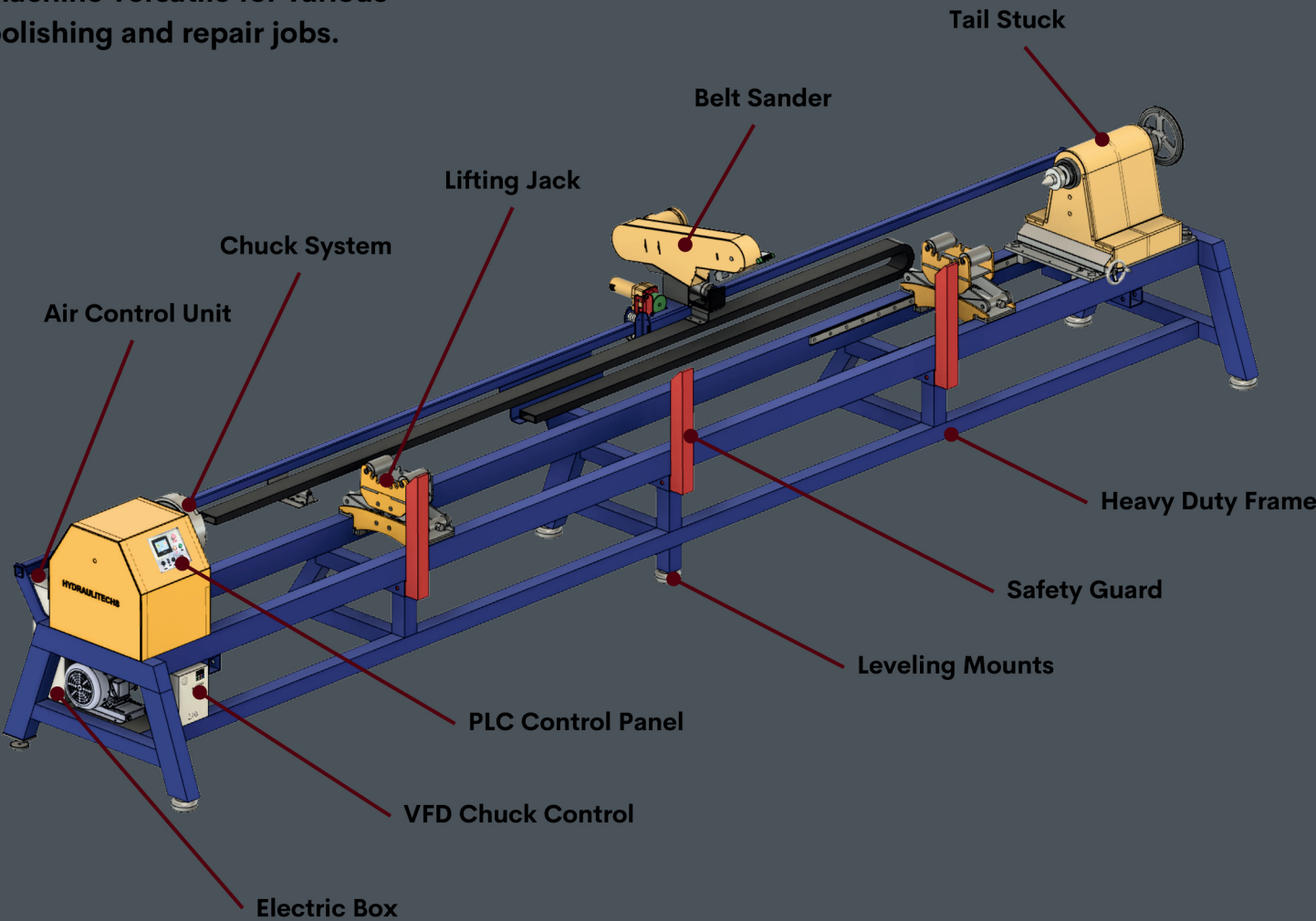
The machine features adjustable limit switches and rollers for safety, as well as an easy-to-use control panel.

• Versatile:

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



APR-24
Rod Polisher



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.

