



HYDRAULITECHS

HONING MACHINE





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FULLY AUTOMATED TUBE HONING

HONIX-WS-15 / HONIX-WS-20

HONIX-WS CAPABILITIES

The HONIX-WS-15/20 is innovative and revolutionary, making it stand out from other honing machines in the hydraulic repair industry. It is designed by experienced engineers who removed the hassles in the honing process. Use the HONIX-WS-15/20 to increase the quality and productivity of your operation.

WHO CAN BENEFIT FROM HONIX-WS

Mining, oil and gas, forestry, marine, Hydraulic shops and construction industry benefit from the HONIX-WS.



HONIX-WS BENEFITS

Repeatability

Optimized Tool Life

Consistent Precision

Efficiency and Speed

Minimized Human Error

Reduced Labor Intensity

Improved Surface Finish

Enhanced Control and Monitoring

Quick return on investment by making the process fully automated

Simple Maintenance for Hydraulic Shops with a Hydraulic Drive System



HONIX-WS

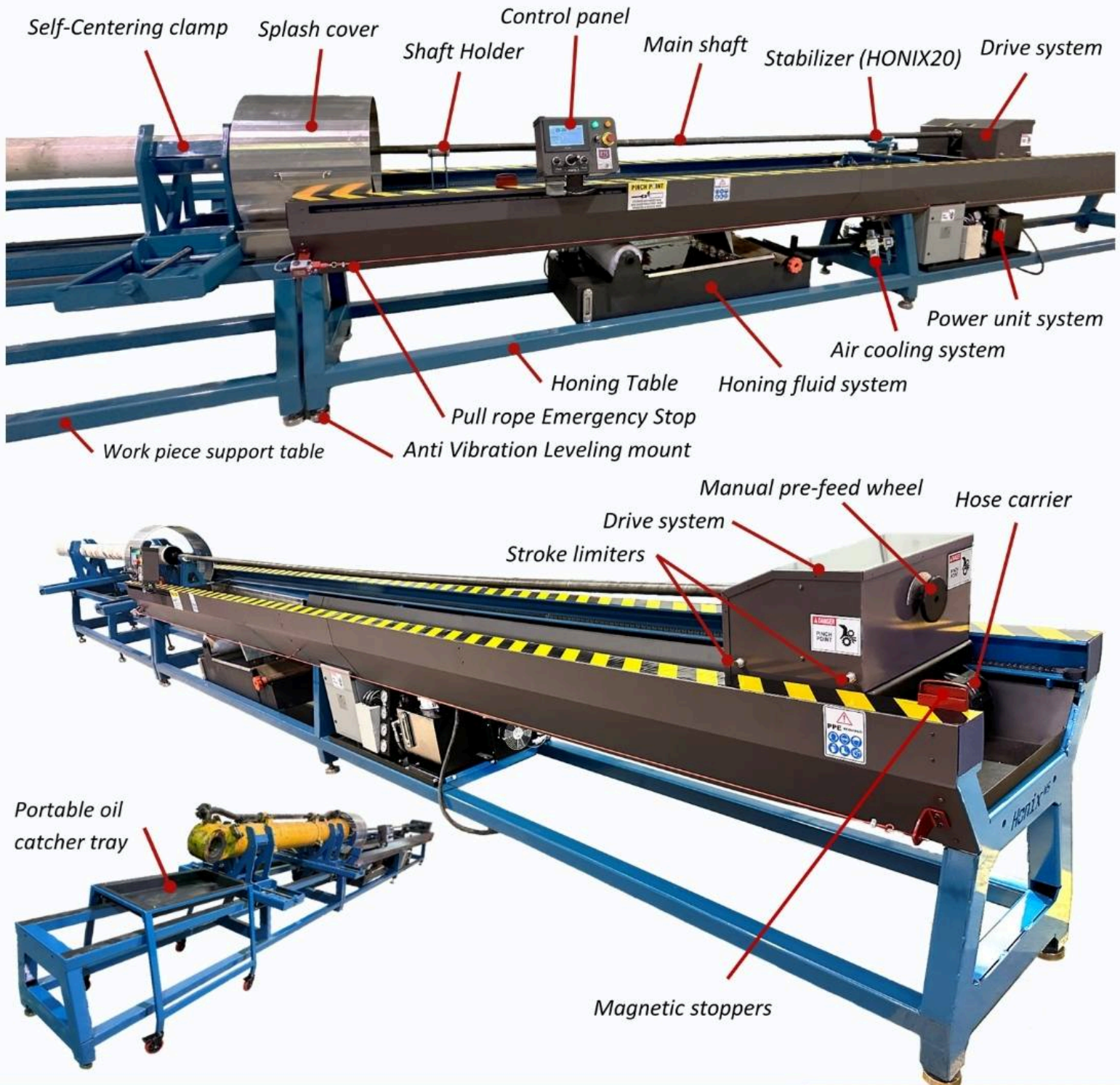


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HONING MACHINE FEATURES

HONIX-WS-15/20



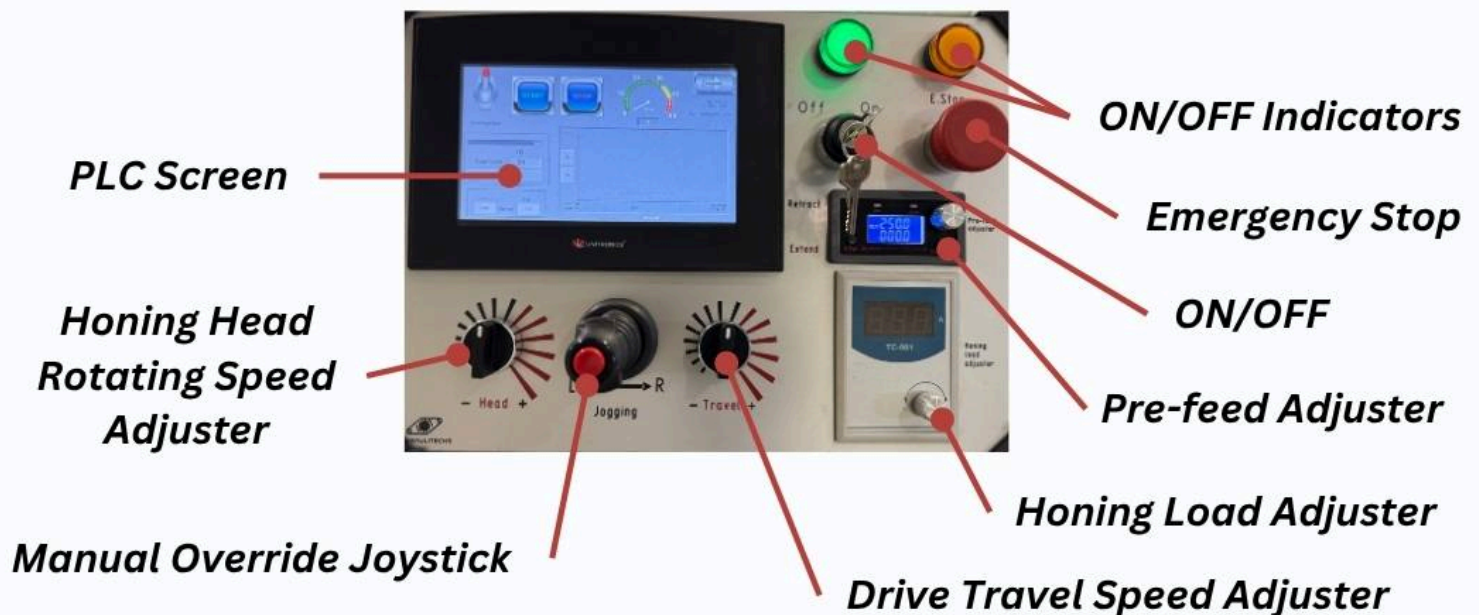
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HONIX-WS FEATURES



HONING MACHINE FEATURES

HONIX-WS-15 / HONIX-WS-20



HONIX-WS FEATURES

- Auto honing oil feeding system through the drive shaft
- Load stabilizer system
- Lag transition adjustment
- Digital honing load adjuster
- Manual override joystick
- High quality honing oil filtration system
- Auto tensioning system
- Remote pre-feed wheel
- Self-centering mechanism and work holding system
- PLC controlled touch screen with load graph and manual button





HONIX-WS SPECIFICATIONS

HONIX-WS-15 / HONIX-WS-20

TECHNICAL SPECIFICATIONS:

- VOLTAGE 380/440 V, 7.5 hp, 3 ph., 50/60 HZ, 30 A
- VOLTAGE 220 V, upon request
- HONING FLUID PUMP, 1/4 hp
- MAX TRAVEL LENGTH (STROKE):
 - MODEL HONIX-WS-15 15 ft
 - MODEL HONIX-WS-20 ~ 20 ft
- MAX TRAVEL SPEED 100 ft/min
- MAX HONING TORQUE 500 ft/lbs.
- MAX SPINDLE SPEED 225 rpm
- BORE RANGE 2.5-21 inch
- MAX TUBE OD 24 inch
- MAX TUBE WEIGHT 5000 kg
- HONING HEAD ANR160A

CONSUMABLES:

- POWER UNIT SYSTEM

- HYDRAULIC OIL MULTI GRADE 32, 10 GAL
- SUCTION LINE STRAINER . 15 GPM
- HYDRAULIC OIL FILTER LENZ LIT-750-10P-OR

- HONING FLUID SYSTEM

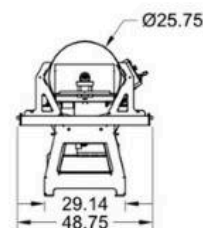
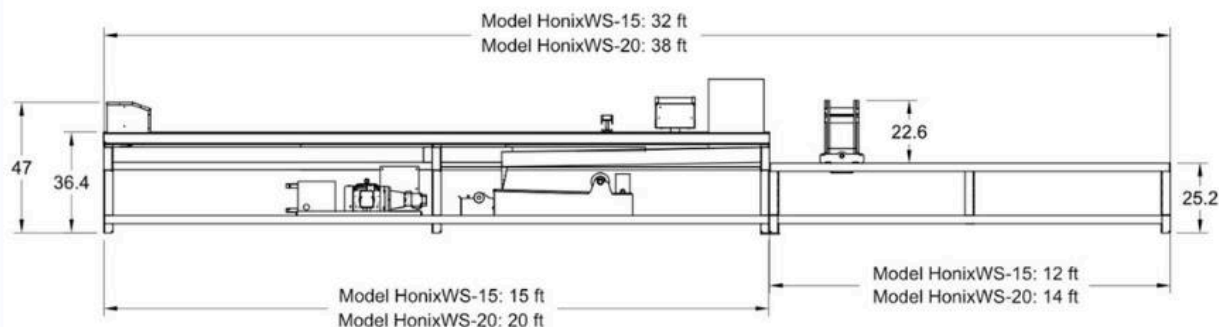
- HONING FLUID 40 GAL MB-30
- HONING FLUID FILTER FILTER PAPER ROLL
- STONES Standard stones for ANR160A

- CONTROL PANEL

- FUSE 3A

MACHINE DIMENSIONS:

- HONING MACHINE TOTAL LENGTH:
 - MODEL HONIX-15 32 ft
 - MODEL HONIX-20 38 ft
- MACHINE HIGHT 47 inch
- MACHINE WIDTH 49 inch



All dimensions are in inches





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contact@hydraulitechs.com



Quick return on investment by making the process fully automated

Unlocking the Benefits of Automatic Honing for Hydraulic Cylinder Tube Finishing

The benefits of fully automated tube honing include increased efficiency, repeatability, and the ability to handle large volumes of production with minimal human intervention. Automated systems can be programmed to adjust parameters such as feed rates, pressure, and tool movements, leading to a more streamlined and controlled manufacturing process.

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