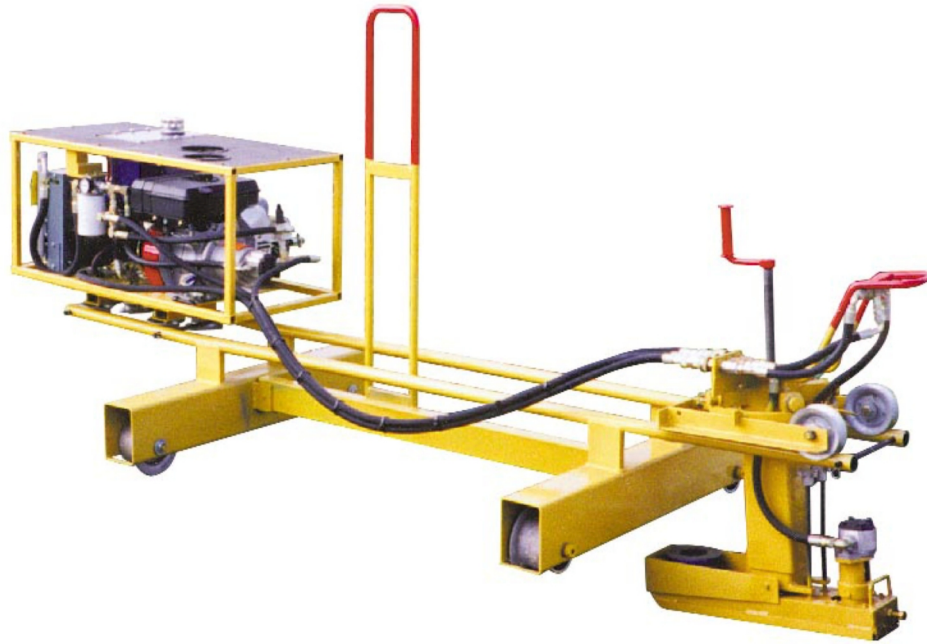


400 Series

400 Series MobileWelder

Hydraulic Base Grinder



Holland's Base Grinders remove excess metal from the weld's joint base, thus assuring the rail base matches the original rail profile. Rail now easily passes through the plates.

The Model D-21168 Base Grinder features a tubular steel frame. Its push cart has four single-flanged wheels for riding on the track. Its hydraulic turntable permits the unit to be removed from the track at crossings or onto an optional set of rails. A handle welded to the grinding head assembly helps guide the grinding stone horizontally across the rail base. Valves mounted between the grinder operator's station and the power unit control the grinding stone and turntable controls. An eight-inch diameter adjusting wheel rotated by a hydraulic motor raises and lowers the grinding stone. An eight-horsepower gasoline engine drives a hydraulic pump that powers the hydraulic motor. Grinding stone tilt and gimbal adjustments located on the grinding assembly enable a weld joint to be ground to within one-half inch of a tie. The grinder assembly pivots around a central point so that both running rails can be ground without turning the machine.

Benefits and Features of Holland's Base Grinder:

- Rids Flash Butt and Thermite welds of excess metal
- Assures rail base matches original rail profile
- Riding on rollers and guide rails, Grinder head assembly always matches rail base cant
- Grinding head or entire unit easily rotates for grinding second rail
- Dependable nine-horsepower engine features low oil warning light and automatic shut-off
- Tilt, gimbal, and height adjustment grinds within 1.5 inches of tie
- Hydraulic turntable lets unit be removed from track crossing or set off rails
- Counterbalanced engine on tilting, rotating frame reduces operator fatigue
- Six single-flanged insulated wheels yield greater stability near rail ends
- Square tubular steel construction increases frame rigidity and strength
- Valve-controlled grindstone and turntable
- Also available in a non-hydraulic model

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