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ATO Power Units drive Portable Line Boring Bar

PT Hydraulics Australia has been supplying Portable Machine Tools Australasia (PMTA) with quality Power Units from our ATO Range. These "Assemble To Order" power units, in conjunction with PMTA Australian made Autoweld and Line Boring Bar, are predominately used to drive PMTA's Line Boring System to repair worn out and damaged Pin Bushings in sizes 30mm-300mm.



The Portable Line Boring Bar repairing crawler track pin bushings at an overseas repair facility.

Note: The long lead on the Pendant allowing the operator to monitor the work in progress. A wireless pendant is optional.

The ATO Power Units are manufactured in Melbourne using both locally and internationally sourced components. Built to customer specifications these power units have a plethora of uses and are of a simple "plug in and turn on" design.

Hydraulic components include:

- Sandwich relief valve
- Directional valve with either a manual or proportional flow control valve
- Return filter
- Hydraulic pump
- Bell housing and coupling
- Hydraulic Tank & Protective Frame are powder coated to customer's choice
- Mechanical Flow Control on tank



3 Phase 380 or 415 Volt

Electrical components include:

- Single or three phase electrical motor
- Control box with 'E' stop, start/ stop button
- Phase rotation switch
- Pendant Control - 'E' stop, Fwd/Rev switch & optional Electronic speed control
- All relevant wiring

handy hydraulic hint

When selecting the correct size reservoirs for your hydraulic power unit, a general rule of thumb is that the tank volume is sized for 3-5 times the pump flow. This allows the fluid to settle in the tank however also enables the fluid to be re-circulated in order to maintain a stable temperature and keep the fluid clean.