

Tiny Power "M" Series (3 inch x 4 inch)

Reduced price for NWSS members: \$6950 (non members \$7100) FREE SHIPPING using Fastenal. Other shipper: \$250 fee to crate and transport to shipper. New owner pays shipping fees. \$100 rebate for local pickup.

After dismantling, we replaced the aluminum piston with one we made of bronze and used cast iron step-cut piston rings to reduce any steam leakage. The aluminum frame was coated with high temperature epoxy and painted with high temperature black paint. Exposed steel and cast iron parts were nickel plated to reduce rusting. The valve cover was made from stainless steel and polished. The cladding is mirror finish stainless steel that covers thick cylinder insulation. The Swift Lubricator received extensive attention and includes a new tempered borosilicate site glass. All steel pipe is 1/2" NPT seamless extra-thick-wall schedule 160 rated and for steam (McMaster-Carr 7733K109). Elbow and tee fittings are class 300. A complete set of drawings will be supplied.

Video Link: <https://www.youtube.com/watch?v=xclLa6nUw2s>

Most of the sound in the video is produced by un-muffled exhaust air. The flywheel is placed Aft at the prop shaft connection to accommodate hand rotation of the crankshaft during valve adjustment. As seen in the video, she is a well-balanced engine and the flywheel can be easily moved to the Forward shaft where a long 1/4" keyway will allow additional placement of one or two chain sprockets for vacuum and feed water pumps. "Marie" is set for RH rotation.

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