MODEL #1 Working Replica 1880’s Steam Drilling Engine
This 1/8 scale replica has a 12” overall length and a 6-1/2” diameter flywheel. Includes set of 18 easy machining bronze & iron castings, necessary hardware, gasket material, brass bar stock, and working drawings.

#1BI $113.00

MODEL #2 Working Model Oscillating Steam Engine
This engine has a simple but unique porting system. The head oscillates as it runs swinging the port holes from inlet to exhaust. This kit comes all machined for easy assembly or as a casting kit for the machinist. Great for novice or pro. Kit complete with 6 easy machining aluminum castings, all required hardware, gasket material, brass bar stock, working drawings.

#2A Kit only $47.00
#VT-BST2 instruction video $24.95
#VT-BPM2 Kit #2A plus DVD $70.00
#2AM $87.00 completely machined for easy assembly

MODEL #3 Working Replica Stationary Steam Mill Engine
This kit has a 2-1/4” flywheel and 6” overall length and comes complete with 9 easy machining aluminum castings, all required hardware, gasket material, brass and steel bar stock, and working drawings.

#3A $59.00
#3BI $71.00 same as #3A except bronze & iron castings
#3BIM $137.00 completely machined for easy assembly

MODEL #4 Working Vertical Steam Engine
Bore 1-1/2” Stroke 2-1/2”
Double Acting Height 19”
Not a scaled down model, but a full size working steam engine. It is a replica of a rare old steam engine used for various small portable power applications a century ago. Kit complete with cast iron and cast bronze castings, all required hardware, gasket material, bar stock, complete working drawings.

#4CI $278.00

MODEL #5 Working Vertical Coke Bottle Style Mill Engine
Bore 5/8” Stroke 7/8”
Double Acting Overall Height 7-1/2”
Flywheel Diameter 3”
A 1/8 scale model of an original engine manufactured by Orr & Sembower of Reading. Kit has 15 bronze & iron castings, required hardware, gasket material, bar stock, and working drawings.

#5BI $100.00

MODEL #6 Horizontal Stationary Working Steam Engine
Bore 1-1/2” Stroke 2-1/2”
Double Acting
This is the horizontal sister to the #4 Engine. Dimensions are 18”L x 8”W x 7-1/2” H and the flywheel diameter is 6-7/8”. Kit complete with cast iron & bronze castings, all required hardware, gasket material, bar stock, and complete set of working drawings. Also includes one each #WG-1 Water Gauge, #SV-1 Safety Valve.

#6CI $262.00

MODEL #7 TWIN Working Replica Stationary Steam Mill Engine
A great project for a small lathe. With twin cylinders, this engine can start by just turning on the steam, no need to crank the flywheel. 3” flywheel, 6-1/4” long, 6-3/4” wide, and 3-1/2” high. Complete with 16 easy machining bronze and iron castings, all required hardware, gasket material, brass and steel bar stock and working drawings.

#7BI $124.00
#7BIM $275.00 machined - easy assembly

MODEL #BLR-1 BOILER #1 Working Replica Vertical 13 Flue Boiler Kit
3-1/8” diameter by 12-5/8” overall height including 4” high stack. Will easily run a well constructed #2, #3, or #5 steam engine for light duty use. We recommend ESBIT tablets (listed below). Kit includes 4 easy machining aluminum castings, all copper tubing and tube sheets, all hardware and barstock required, and a complete set of working drawings. Also includes one each #WG-1 Water Gauge, #SV-1 Safety Valve.

#BLR-1 Boiler kit $148.00
#SF 1 oz Solder and Flux $10.00
#82-1 ESBIT (4 grams, 20 tablets) $4.00
#82-2 ESBIT (14 grams, 12 tablets) $8.00

MODEL #BLR-2 BOILER #2 Working Replica Horizontal Stationary Tubular Type Factory Style Boiler
11” long x 4-1/2” wide, 8-1/2” to top of steam dome, 12” smoke stack, 16-1/2” to top of smoke stack. 1/12 scale, constructed of copper. Uses ESBIT tablets. Kit includes 14 easy machining aluminum castings, all copper tubing and tube sheets, all hardware and barstock required, and complete set of working drawings, also one each #WG-1 water gauge and #SV-1 safety valve.

#BLR-2 $219.00
#82-1 ESBIT (4 grams, 20 tablets) $4.00
#82-2 ESBIT (14 grams, 12 tablets) $8.00

MODEL #BFP BOILER FEED PUMP
3-3/4” L x 4” H x 1-3/4” W, threaded 5/16-27 (1/16 npt), 3/8” diameter bore, 3/4” stroke. Hand operated piston type hydraulic pump to replenish boiler water while boiler is in use and under pressure. One bronze casting, bar stock, hardware, drawings.

#BFP-1C $25.00
Machined and ready to assemble
#BFP-1M $50.00

#WTK-1 WATER TANK KIT #WTK-1 $32.00
Use with boiler feed pump and BLR-1 or BLR-2. 3-1/8” OD x 4” high copper tank with copper tank end. Includes one cast aluminum base, tank, tank end, and one 1/4-40 threaded bushing for outlet.

#SW-4 STEAM WHISTLE #SW-4 $40.00
Authentic scale model Steam Whistle with adjustable pitch. Cast bronze valve and handle with brass pipe. Thread size 1/4-40, 2-3/4” high.

FOR MORE INFORMATION OR TO PLACE AN ORDER CALL TOLL FREE 800-872-6500 PAGE 27