

DESIGN REGISTERED.

For Elegance of Proportion, Simplicity of Construction, Superior Workmanship, Economy, Power and Durability, I challenge comparison with any other Portable Engine made.

They are constructed with enlarged Fire Boxes, and Chimnies furnished with Spark Arresters.

The material and workmanship used in their construction throughout are of the VERY FIRST CLASS.

Unusually large allowance of Power

In Cylinder area,

Boiler capacity,

Extra strength in the wearing parts.

Judson's Patent Governor, most sensitive in action, ensuring perfect regularity of speed.

The Water Heating Apparatus used is of the Tubular description, which, with the aid of waste heat from the boiler and the exhaust steam, heats the water from 175 to 200 degrees Fahrenheit, thereby causing a much more rapid generation of steam, with a diminished consumption of fuel, than when cold water is pumped into the boiler.

The Boiler is furnished with a round-bottom Fire Box, which entirely surrounds the fire-grate and ash-pit, forming underneath the ash-pit, as up the sides, a three-inch water space, by which additional heating surface is obtained. The accumulation of sediment around the fire-box is thus entirely prevented, and perfect safety to the farm yard, barns or other premises, is at once secured, as sparks cannot possibly blow out of the fire-box. The ash-pit door also forms a perfect damper, whereby the draught may be regulated to the greatest nicety.

The sediment has free passage to the bottom of the fire-box, and can be blown off by the blow-off cock, underneath the ash-pit, by which means the boiler may be kept clean much longer than under the old system.

Every Boiler and Engine is thoroughly tested both by Hydraulic and Steam pressure before leaving the works, which proves that they are perfectly tight and safe.

The above Engines are furnished with Judson's Patent Governor, Glass Water Gauge, Safety Valve and Spring Balance, Steam Pressure Gauge, Pump, Blow-off Cock, Oil Can, Monkey Wrench, Funnel for filling boiler, Firing Irons, Tube Cleaner, and Mud Door.

If Boiler is covered with Felt, extra cost \$50. Prices are subject to change without notice.