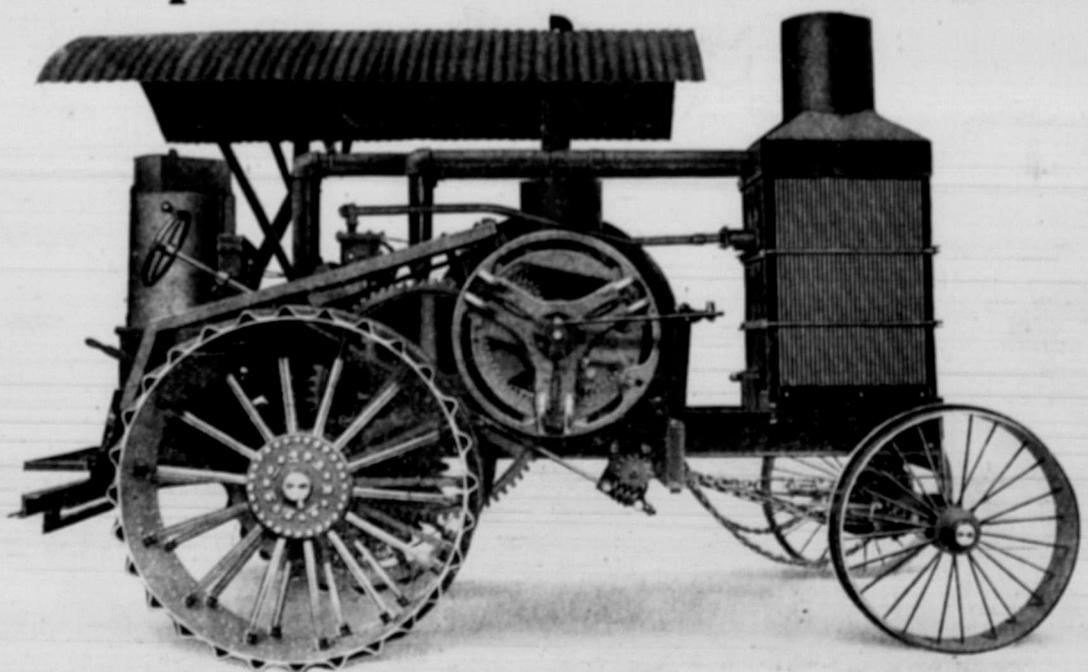


45 h.p. Hart-Parr Gas Tractor



The Modern Farm Horse

SPECIFICATIONS:

CYLINDERS—Two horizontal cylinders, 10 in. bore, 15 in. stroke. Speed, 300 R.P.M. A long stroke, moderate speed motor—the most efficient kind, and the one that wears longest. Cylinder heads hemispherical in shape, and cast with the rest of cylinder; hence no packed joints. Valve cages ground to seats—no packing there.

CRANK SHAFT—A pressed steel forging, of high tensile strength, annealed and oil tempered—tough and dependable. Diameter of crank shaft in the bearings, 4 in.; diameter of crank pins, 4 1/2 in. Crank shaft offset 2 inches from centre line of cylinders, adding to the efficiency of the engine, decreasing wear of cylinders and pistons, and making engine very easy to start.

GEARS—Every gear of steel or semi-steel; we use no cast iron gearing. Planetary reverse gears are drop forged, with machine cut teeth. Our planetary reverse makes it possible to use a single operating lever—the only way it can be done.

Bearings—Main crank shaft bearings and crank pin bearings made in the form of half bushings (easily replaceable), and of a special composition of high grade babbit, copper and aluminum; one of the best anti-friction metals and exceedingly tough. All other bearings of the best grade of babbit or phosphor bronze.

LUBRICATION—Force feed lubrication to cylinders, connecting rod and crank shaft bearings, beside spray lubrication in enclosed crank case. Force feed lubrication to gear train.

DRIVING WHEELS—66 in. diameter, 24 in. face. Our wave form driver cleats make the bearing power of these wheels equivalent to a 32 inch width wheel of the usual construction. The only perfect driver cleat for use on plowed ground for discing and seeding. Wheels built up entirely of steel; cleats riveted to tire. The most substantial, satisfactory driving wheel built. Rear axle 5 in. diameter of open-hearth steel.

CONNECTING RODS—Steel drop forging of I section. Studs for caps of 1 inch Vanadium steel.

IGNITION—"Jump Spark" ignition with two sets of dry batteries, and "single spark" induction coils—the most efficient battery spark coil made.

RATINGS—Guaranteed to easily deliver 45 brake horse power all day. Every engine tested up to at least 60 brake horse power before it leaves the works. Guaranteed to pull the same load, on firm, level footing, as twenty-two ordinary work horses. Most of our customers are doing the work of 25 to 30 horses with these tractors; will actually deliver 35 to 40 "draw-bar horse power." We rate them conservatively so that purchasers will always find they do better than we claim for them.

RATE OF TRAVEL—2.3 miles per hour. Compare this with the 2 miles per hour of other gas tractors; and consider what this higher rate of travel means when plowing on loose, loamy soil, or discing, seeding and harvesting.

One Price to Everyone \$2,800 f.o.b. Portage la Prairie

Read the specifications, compare them with what others are offering, and you will see that we give you much more for your money than you can get elsewhere. We can do this because we build thousands of them in the most up-to-date plant of its kind.

THE ORIGINAL KEROSENE TRACTOR

We have been building Kerosene Tractors for Five Years.

We build two other sizes of tractors. Our New Illustrated Catalog, No. 11, describes all of them fully and will interest you. Write for it today

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