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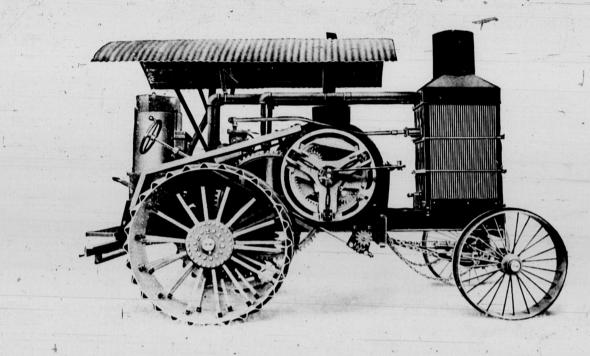
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\$14 \$13 THE GRAIN GROWERS' GUIDE

# HART-PARR "2-60" GAS TRACTOR



## A Modern Farm Horse for Large Farms

#### SPECIFICATIONS

CYLINDERS. Two horizontal cylinders, 10 inch bore, 15 inch 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

ts. Valve cages ground to seats—no packing there? CRANK SHAFT. A presend steel forging, of high tensile strength, annealed and oil tempered, to gh and dependable. Diameter of crank shaft in the bearings, 4 inches; diameter of crank pins,  $4\frac{1}{2}$  inches. Crank shaft offset 2 inches from centre line of cylinders, adding to the efficiency of 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 rods and crank shaft bearings, besides spray lubrication in enclosed crank case. Force feed lubrication to gear train. DRIVING WHEELS. 66 inch diameter, 24 inch 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 rivetted to tyre. The most substantial, satisfactory driving wheel built. Rear axle 5 inch diameter of open hearth steel. CONNECTING RODS. Steel drop forgings of I section. Studs for

caps of 1 inch Vanadium steel. IGNITION. Dual systems of "Jump Spark" ignition. Dry batteries and "Single Spark" induction coils, for starting. A high grade magneto with specially designed coils, for regular work. A switch between enables you to use either system—between the two you always have a good spark—this means good power at all times.

RATINGS. Guaranteed to easily deliver 60 brake horse power. Every engine tested to over 60 brake horse power before leaving the works; and certified test record furnished with it. At the draw-bar it will easily do the work of 25 to 30 horses. We rate our tractors conservatively so that our customers always find they do better than we claim for them

RATE OF TRAVEL. 2.3 miles per hour. Compare this with the 4 and 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. Remember that what counts is the number of acres you plow daily, not how many plows you pull.

The Chapin Co.

Calgary, Agents for Alberta

REMEMBER OUR SQUARE DEAL POLICY

#### One Price to Everyone—\$2,850—f.o.b. Portage la Prairie A Liberal Discount for all Cash

Read the specifications, compare them with what others are offering,<sup>†</sup>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 tractors for ten years, and kerosene tractors for six years. We build three other sizes of tractors, '30, 40 and '80 brake horse power. Our 48 page illustrated catalog describes all of them fully and will interest you. WRITE FOR IT TODAY.

34 Main Street, Portage la Prairie, Manitoba

HART-PARR

Hart-Parr Co. Saskatoon, Sask.