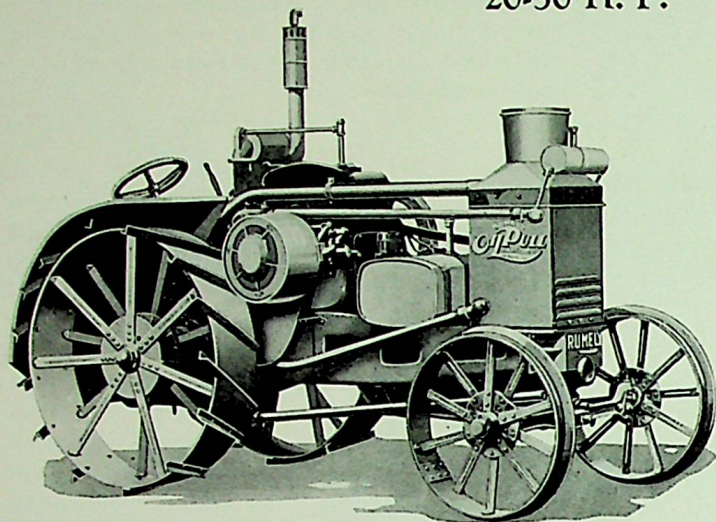


The Model "W" OilPull Tractor

20-30 H. P.



Will pull three 14-inch moldboard plows under average conditions and a proportionate number of disc plows. It will handle up to a 28-inch thresher fully equipped, or a medium sized silo filler or corn shredder

SPECIFICATIONS

Rating—Drawbar horse-power, 20; brake horse-power, 30.

Motor—Heavy duty, kerosene burning, twin cylinder, $5\frac{1}{8}$ inch bore; 7-inch stroke, 825-850 R. P. M. Crankshaft, $2\frac{1}{8}$ -inch diameter. Main bearings, total length, $10\frac{3}{4}$ inches. Connecting rod bearings, length, crank end, 3 inches; piston end, $2\frac{1}{2}$ inches. Every working part enclosed; thoroughly lubricated; removable cylinder sleeves.

Lubrication—Motor lubrication secured by force feed lubricator and splash. Alemite lubrication on all other tractor bearings.

Carburetor—New design with Triple Heat Control system of oil burning. Governor controlled and trouble-proof.

Fuel Pumps—Built into carburetor body and operated by special safety drive; plungers made from non-corrosive metal; liquid seal on plungers eliminates necessity for any packing or packing glands. Extremely accessible.

Cooling—Special OilPull cooling system, oil cooled, pump circulation—radiator, 28 flat, pressed galvanized steel sections, securely bolted together, enclosed in sheet steel case, air circulation induced by exhaust—no evaporation, no freezing, no rust, no sediment, an even motor temperature, no fan to consume power, radiator lasts the life of the tractor.

Governor—Extremely sensitive, ball-bearing governor, enclosed in dust-tight case and running in oil.

Ignition—High-tension magneto with impulse equipment for starting. Hot spark first turn when starting.

Belt Pulley—Directly mounted on crankshaft—16-inch diameter; $7\frac{1}{2}$ -inch face.

Clutch—Sensitive, easily operated, double disc clutch, enclosed in dust-tight case.

Intermediate Gears—Machine-cut gears, enclosed in dust-tight case, running in oil.

Transmission—All gears cut steel, case hardened, enclosed in dust-tight case, running in oil. All shafts mounted on ball bearings. Alemite lubrication for all bearings. Three speeds forward, giving wide range for practical working conditions. One reverse.

Final Drive—Master gears $2\frac{1}{2}$ inches wide, cut steel, case hardened, enclosed in transmission case and running in oil. Master pinions $2\frac{1}{8}$ inches wide, cut steel, case hardened. Rear axle $2\frac{3}{4}$ inches diameter, mounted on ball bearings, packed in grease.

Steering Gear—Irreversible type, with all wearing parts packed in grease in a dust-tight case. Both worm and gear, case hardened.

Wheels—Optional rear wheel equipment—46 inches diameter or 44 inches diameter, both 12-inch face. Front, diameter, 30 inches; face, $5\frac{1}{2}$ inches.

Fuel Tank—Capacity: Kerosene, $18\frac{1}{4}$ gallons; water, $16\frac{3}{4}$ gallons; gasoline, $1\frac{1}{4}$ gallons. Capacity of radiator and cooling system, 10 gallons.

General Dimensions—Width over all (without extensions), 4 feet, $7\frac{3}{4}$ inches; height over all, 7 feet $1\frac{1}{2}$ inches; length over all, 11 feet 4 inches.

Standard and Special Equipment specified on pages 31 and 32.