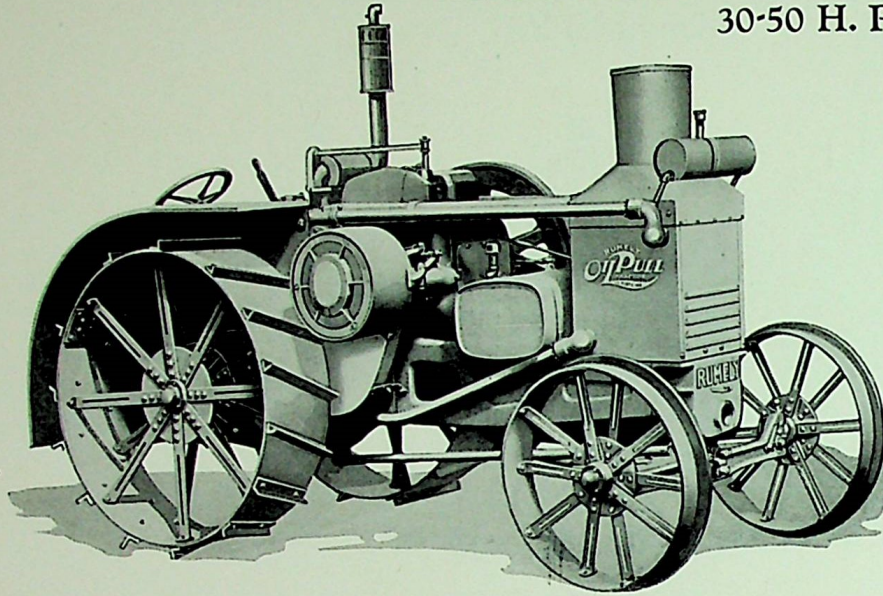


The Model "Y" Oil Pull Tractor

30-50 H. P.

Will pull five to six 14-inch plows under average conditions, and handle up to a 36 x 60 Rumely thresher fully equipped, or a 10-foot road grader



SPECIFICATIONS

Rating—Drawbar horse-power, 30; brake horse-power, 50.

Motor—Heavy duty, kerosene burning, twin cylinder, $7\frac{1}{16}$ inch bore; $9\frac{1}{2}$ -inch stroke, 610-635 R. P. M. Crankshaft, $3\frac{1}{8}$ -inch diameter. Main bearing, total length, $15\frac{1}{2}$ inches. Connecting rod bearings, length, crank end, $3\frac{1}{16}$ inches; piston end, $3\frac{1}{2}$ inches. Every working part enclosed; thoroughly lubricated; and 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, trouble-proof.

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

Cooling—Special OilPull cooling system, oil cooled, pump circulation—radiator, 34 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— $21\frac{3}{4}$ -inch diameter; 10-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, $3\frac{1}{4}$ inches wide, cut steel, case hardened, enclosed in transmission case running in oil. Master pinions $3\frac{5}{8}$ inches wide, mounted on ball bearings, packed in grease. Rear axle, $3\frac{1}{2}$ 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—Rear, diameter $57\frac{1}{2}$ inches; face, 18 inches. Front, diameter, $38\frac{1}{2}$ inches; face, 8 inches.

Fuel Tank—Capacity: Kerosene, 31 gallons; water, 30 gallons; gasoline, $1\frac{1}{4}$ gallons. Capacity of radiator and cooling system, 23 gallons.

General Dimensions—Width over all (without extensions), 6 feet, 10 inches; height over all, 8 feet, $2\frac{1}{2}$ inches; length over all, 13 feet, 11 inches.

Standard and Special Equipment specified on pages 31 and 32