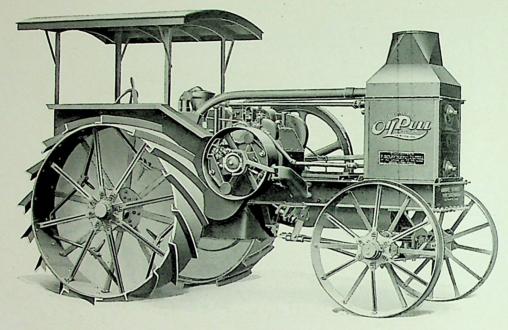


D V A N C E - R U M E L Y



Rumely OilPull Tractor—20-40 H. P.

The 20-40 OilPull makes an ideal combination with a 28 in. x 48 in. or 32 in. x 52 in. Ideal separator. Its reserve power, economical performance, and steadiness on the belt makes it a favorite for threshing. It is equally efficient on the drawbar. It will pull six 14 in. moldboard plows under average conditions and a proportionate number of disc plows. It will successfully handle a 10 ft. road grader.

Specifications

Rating-Drawbar horsepower 20; brake horsepower 40.

Motor—Heavy duty, kerosene burning, 2 cylinder, 8 in. bore; 10 in. stroke, 450 R. P. M. Crankshaft complying with Naval specifications, 35% in. diameter. Three main bearings, total length 187% in. Connecting rod bearings, length (crank end) 37% in.; piston end 41% in.

Carburetor—Special OilPull carburetor, design extremely simple, no floats, springs, balls, or complicated parts, Automatically regulates the correct amount of fuel to suit the given load.

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 c'reulation induced
by exhaust—
no evaporation, no freezing, no rust, no
sediment, an
even motor
temperature,
no fan to consume power
radiator will
last the life of
the tractor.

Belt Pulley—Directly mounted on crankshaft, 26 in. diameter; face 9 in. Internal expanding shoe clutch. Raybestos lined brake.

Transmission—2 speeds forward, 2 and 3.2 M. P. Hr., and 1 reverse. Spur gears, low carbon steel, heat treated and case hardened, with the following liberal widths of face: high speed back gear 23¼ in.; low speed back gear 21½ in.; forward drive back gear 4 in.; high speed sliding pinion 2½ in.; low speed sliding pinion 3 in.; differential gear 33¼ in.; shafts, heat treated steel; back gear shaft 2¾ in. diameter; sliding gear shaft 2¾ in. diameter, gears enclosed and running in oil. Hyatt high duty roller bearings on all shafts.

Final Drive—Master gears, semi-steel, 4½ in. width of face. Master pinion, heat treated, case hardened low carbon steel, 4¾ in. Differential shaft, 2¾ in. diameter. Rear axle 4 in. diameter, running on Hyatt roller bearings.

Wheels-Rear, diameter 64 in.; face 20 in.; front, 44 in. diameter; face 8 in.

Fuel Tank Capacity—Kerosene 41 gal.; water 29 gal.; gasoline 1 gal. Capacity of radiator and cooling system 17½ gal.

General Dimensions—Width over all (without extensions) 7 ft. 5 in. Height over all 9 ft. Length over all 14 ft. 7 in.

Equipment—Standard and special equipment as described on page 24.