



Rumely OilPull Tractor—16-30 H. P.

The 16-30 OilPull is especially adapted for a medium sized farm. It will pull four 14 in. moldboard plows under ordinary conditions and a proportionate number of disc plows. It will drive a 28 in. x 44 in. Ideal separator fully equipped, and will pull an 8 ft. road grader, and successfully handle a wide variety of drawbar and belt jobs.

Specifications

Rating—Drawbar horsepower 16; brake horsepower 30.

Motor—Heavy duty, kerosene burning, 2 cylinder, 7 in. bore; 8½ in. stroke; 530 R. P. M. Crankshaft complying with Naval specifications, 3¼ in. diameter. Main bearings total length 15 in. Connecting rod bearings length (crank end) 3¼ in.; piston end 3⅜ 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 30 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.

Transmission—2 speeds forward, 2.1 and 3 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 2¼ in.; low speed back gear 2¾ in.; forward drive back gear 2⅝ in.; high speed sliding pinion 2¼ in.; low speed sliding pinion 2⅞ in.; differential gear 2¾ in.; shafts, heat treated steel, back gear shaft 2⅜ in. diameter; sliding gear shaft 2¼ in. diameter, gears enclosed and running in oil. Hyatt high duty roller bearings on sliding gear and back gear shafts.

Belt Pulley—Directly mounted on crankshaft, 23 in. diameter, 8½ in. face. Internal expanding shoe clutch. Raybestos lined brake.

Final Drive—Master gears, semi-steel, 3¾ in. width of face. Master pinion, heat treated, case hardened, low carbon steel, 4⅞ in. width of face. Differential shaft, 2½ in. diameter. Rear axle, 3¼ in. diameter, running on Hyatt roller bearings.

Wheels—Rear, diameter 56½ in.; face 16 in.; front, diameter 40 in.; face 7 in.

Fuel Tank Capacity—Kerosene, 34 gal.; water 21¼ gal.; gasoline 1 gal. Capacity of radiator and cooling system 15 gal.

General Dimensions—Width over all (without extensions)

6 ft. 4 in.
Height over
all 8 ft. 3 in.
Length over
all 13 ft. 2 in.

Equipment—Standard and special as described on page 24.

