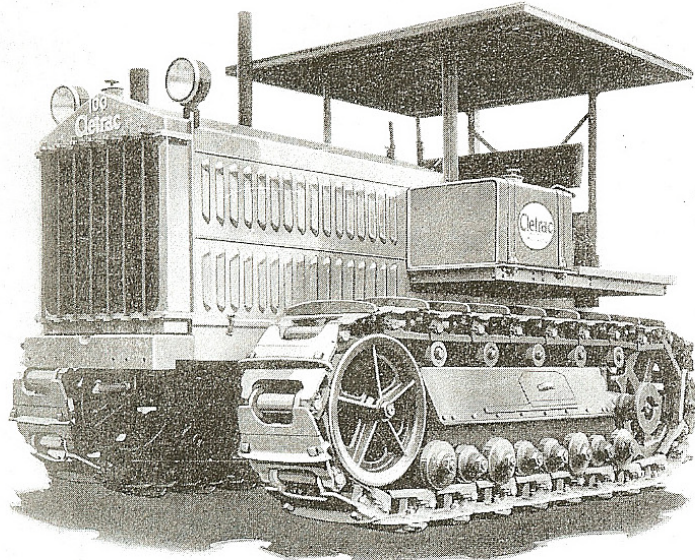


C L E T R A C

Specifications Model 100



MOTOR—Six cylinder, four cycle, water-cooled, valve-in-head. Cylinders cast in pairs, 6 inch bore, 7 inch stroke. Crankshaft is of S.A.E. 1045 steel heat-treated, supported on four bronze-back, babbitt-lined main bearings which are $3\frac{3}{4}$ inches in diameter. Pistons are cast iron having four $\frac{1}{4}$ inch wide piston rings. Connecting rods are I-beam, drop forged, of S.A.E. 1035 steel, heat-treated.

MOTOR LUBRICATION—Force-feed lubrication to crankshaft, camshaft, valve rocker shaft, connecting rods and wrist pins. Splash lubrication to cylinder walls.

STARTING, LIGHTING AND IGNITION—Delco-Remy dual type throughout, semi-automatic, manual spark control. Generator and starting motor Remy 12-volt type. Battery, Willard type GHLR-31, 12-volt, 15 plate, capacity 152 ampere hours.

GOVERNOR—Taco governor is used in conjunction with hand control for increased motor speed.

CARBURETOR AND FUEL SYSTEM—Schebler carburetor, size 2 inch. Intake manifold is hot-spotted above the carburetor to insure perfect vaporization of the fuel. All fuel lines are copper tubing. Two fuel tanks, each one having a capacity of 50 gallons, are mounted on the platform.

VACUUM TANK—Two gallon capacity vacuum tank mounted on the dash.

OIL FILTER—Oil filter is mounted on the right side of motor.

CLARIFIER—All air entering the carburetor is cleansed by Pomona Clarifier, securely mounted to the motor and motor cover.

COOLING SYSTEM—Tube and fin radiator, capacity 27 gallons.

CLUTCH—Borg and Beck single disc, pull type. 18 inches in diameter.

TRANSMISSION AND SPEEDS—Selective type. Three speeds forward and one reverse. Low speed is 1.75 miles per hour. Intermediate speed is 2.9 miles per hour. High speed

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is 4.5 miles per hour. Reverse speed is 2.5 miles per hour. All ratings given are at a governed engine speed of 1000 R.P.M. Ball bearings are used throughout.

STEERING—Steering is accomplished by the effect of the motor through planetary compensating gears.

DRIVE SPROCKET WHEELS—The drive sprocket wheels are of cast steel, and have full manganese sprockets riveted to the wheels. These assemblies are supported on extra large shafts mounted in heavy-duty ball bearings.

TRACKS AND TRACTIVE SURFACE—Tracks are 19 inches wide, 14 inch pitch. Grousers are $3\frac{1}{4}$ inches high and 26 inches wide. There are 23 manganese steel shoes in each track, having $1\frac{3}{4}$ inch diameter special chrome manganese steel track pins. The bushings and rollers are made of the same steel, heat-treated. Length on ground each side is 112 inches, giving a total tractive surface of 4256 square inches, with a ground pressure of 6.6 pounds per square inch.

GENERAL DIMENSIONS—Height 7 feet, 2 inches. Width with grousers attached 8 feet. Length over all, 14 feet, 10 inches. Clearance 12 inches.

TURNING RADIUS—Turning radius is 17 feet.

RATINGS—Rating at the drawbar 100 horsepower. At the power pulley 115 horsepower.

POWER PULLEY AND TAKE-OFF—EXTRA EQUIPMENT—Attachment furnished with or without belt pulley. Pulley 24 inch diameter, 15 inch face. Operates at 477 R.P.M. at a belt speed of 3000 feet per minute and motor speed of 1000 R.P.M. Power take-off shaft operates at the same speed.