



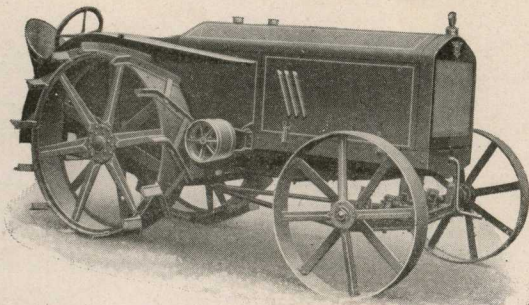
GREATER POWER



LOWER COST



*The Highest
Development
of the
Farm Tractor*



MODEL B—19

Uncle Sam 20-30 Oil Tractor

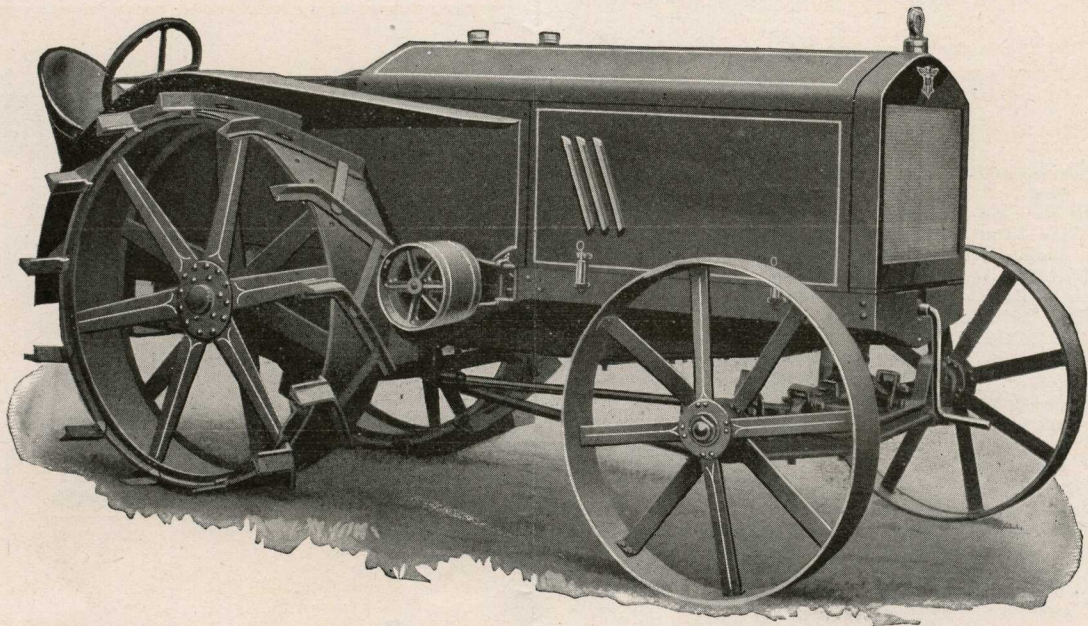
Built Especially for Kerosene.

*Built from the Finest Material
Money Can Buy*

Manufactured by

U. S. TRACTOR & MACHINERY CO.

MENASHA, WISCONSIN



SOME OF THE REASONS WHY THE UNCLE SAM IS THE BEST AND CHEAPEST

Finest quality of Material and Workmanship in every detail.
Practical Design based on Fundamental Essentials.
Exceptionally Strong and Durable—yet light in weight.
Motor especially designed and fitted for kerosene and petrol.
Every Gear and Bearing of transmission within dust-proof case.
Fully equipped with Timken Adjustable Roller Bearings.
Scientifically balanced—will not tip over.
No steering attachment required.
Belt pulley carried on Timken bearings—runs at 2,600 ft. per minute.
High Efficiency—less fuel cost.
Dependable and Durable—no delays.

Get all Facts regarding "Uncle Sam" before buying a Tractor.
Complete Catalog for the asking.

Manufactured by

U. S. TRACTOR & MACHINERY COMPANY
MENASHA, WISCONSIN U. S. A.

Detailed Specifications and Ratings

"UNCLE SAM" TRACTOR

MODEL B-19

TYPE—Standard Four Wheel, two drive wheels rear.

LENGTH—143 inches over all.

WIDTH—Front, 74 inches over all; Rear, 54 inches over all.

WHEELBASE—85 inches.

TREAD—Rear, 42 inches; Front, 68 inches.

WIDTH OF DRIVE WHEELS—12 inches.

DIAMETER OF DRIVE WHEELS—50 inches.

WIDTH OF FRONT WHEELS—6 inches.

DIAMETER OF FRONT WHEELS—36 inches.

MOTOR—Type—four cylinder, overhead valve, extra heavy duty, designed especially for tractor service and particularly for kerosene fuel.

Size— $4\frac{3}{4}$ -inch bore by 6-inch stroke.

Normal speed—900 R. P. M.

Carburetor—Bennett Producer type kerosene.

Air Cleaner—Bennett Centrifugal (no water).

Oiling—Force Feed and Splash.

Ignition—Dixie High Tension Magneto with automatic impulse starter.

Governor—Duplex.

Water Circulation—Centrifugal pump.

TRANSMISSION—U. S.-Nuttall, Live axle gear set in dustproof housing. All gears and bearings running in bath of oil.

Gears—Made by Nuttall of Pittsburg—All gears are machine cut from forged steel blanks, heat treated and sand-blasted.

Bearings—Timken adjustable roller bearings throughout.

Axle (Rear)—Nickel Steel, 3-inch diameter.

BELT PULLEY—Pressed steel—11-inch diameter, 8-inch face, 900 R. P. M. Belt speed 2,600 feet per minute (S. A. E. recommendation). Belt pulley is located in a convenient position ahead of the drive-wheel with ample clearance for the belt.

FRONT AXLE—I-beam steel with auto type knuckles, Timken roller-bearings in knuckle and front wheels, front axle is suspended from half elliptic spring, patented self-steering feature is embodied in the front axle construction.

RADIATOR—Perfex "Cellular" type core.

STEERING GEAR—Heavy worm and sector with 17-inch wood rim steering wheel.

FUEL TANK—Bulkhead type made of heavy steel, electric welded, 22-gallons kerosene, 4 gallons gasoline.

FRAME—4-inch steel channel.

WEIGHT—4250 pounds.

SPEEDS—Two forward and one reverse.

Normal or plowing speed, $2\frac{1}{2}$ miles per hour.

High— $3\frac{3}{4}$ miles per hour.

Reverse, $1\frac{3}{4}$ miles per hour.

RATING—Belt H. P. 30.

Draw-bar pull in pounds, at $2\frac{1}{2}$ miles per hour, 3,000.

Pulls three 14-inch plows in heavy soil or four 14-inch plows in light soil.

Finest Material Money Can Buy