



The "HAPPY FARMER" To-day

IS THE FARMER WHO OWNS A "HAPPY FARMER" TRACTOR. THE MANY UNSOLICITED LETTERS OF SPLENDID APPRECIATION WE HAVE RECEIVED CLEARLY AND VERY CONCLUSIVELY DEMONSTRATE THIS.

There are several small and light tractors on the market to-day, yet why is the "HAPPY FARMER" Tractor so generally used and so popular?

This is a question quite worth your while looking into right now and solving to your complete satisfaction. The best and quickest way to do this is to ask the farmer who owns one. He has used his for work in the field and general utility work in and around the yard and can speak FROM EXPERIENCE.

MODEL "A" 8-16 H.P. GASOLINE BURNER
LOW PRICED

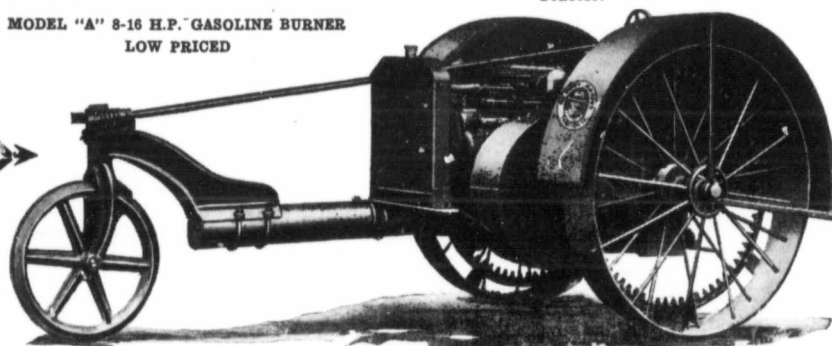
Don't
Delay

DO
IT
NOW

Then see our dealer in your district or write to us direct. We are only as far removed from you as the time it takes for your letter to reach us, and it is surprising how close this is to you.

Our business is the "HAPPY FARMER" Tractor. Your business is scientific farming—greater production—larger yields—reduction of labor and feed costs—increased profits. We can help you because we have the necessary essentials—Organization—Equipment—Experience—and an All-Purpose Tractor.

MODEL "B"
12-24 H.P.
KEROSENE
BURNER



[GREAT
VALUE

THE "HAPPY FARMER" THE ALL-PURPOSE TRACTOR

For EFFICIENCY, DURABILITY, ECONOMY, SIMPLICITY—Get the "HAPPY FARMER" Tractor
Good farm labor and horses ARE SCARCE—The "HAPPY FARMER" replaces both.

The "HAPPY FARMER" takes one man only to handle it. Figure out how many hours a year you will require to use it as compared with man and horse power. Make allowance for the additional work IT WILL do each day when working, as against wages and feed bills. NOTICE THE SAVING!

INTERESTING SPECIFICATIONS FOR "HAPPY FARMER" TRACTORS

MODEL "A"

Length—156 inches; width 6 feet; height 66 inches.
Weight—3,500 lbs.; 88 per cent of weight on drive wheels.
Drawbar Pull—1,500 lbs.; 16 h. p. on belt.
Motor—2 cylinder, opposed; 5 x 4 1/2 inches; 4 cycle.
Ignition—Atwater-Kent, automatic.
Carburetor—Special Tractor.
Cooling—Water, forced circulation.
Fuel—Gasoline, or kerosene with special attachment.
Transmission—Steel, cut gears; inclosed and running in oil.
Frame—Solid one-piece cast steel, unbreakable.
Drive Wheels—2; 56 inches diameter, 10-inch face.
Guide Wheel—1; 31-inch diameter; self-steering.
Hitch—Our own Universal; no side draft.
Clutch—Expanding, wood shoe.
Crank Shaft—Drop forged, high carbon steel, heat treated, all bearings ground to size. Main bearings 2 1/4 x 2 1/2 inches; pin bearings 2 1/4 x 2 1/2 inches.
Connecting Rods—Drop forged, carbon steel, I beam section, double heat treated. Adjusted by removing plate under crank case.
Cam Shafts—Forged integral with shaft, hardened.
Piston Pin—Hollow, hardened, ground; high-grade steel.
Lubrication—Standard sight and force feed oiler, large capacity.
Governor—Fly ball type, operating on butterfly valve in manifold; entirely inclosed, lubricated from crank case.
Main Drive Gear—Steel, in 4 sections, interchangeable and easily removable.
Bull Pinions—Roller, cage type, easily removable.
Forward Speed—Two steel gear reductions, all gears except bull gears inclosed and running in oil; reverse—two cut steel gears only.
Levers—2, clutch and reverse, spark and throttle control automatic; brake connected with clutch lever.
Muffler—Integral with frame; most perfect muffler.
Belt Pulley—4 x 11 inches, straight shaft drive, motor speed, 600—800 R.P.M.

If you are visiting Winnipeg during Borspiel and Winter Carnival Week, be sure you see our display of tractors and power lift plows at the Industrial Bureau.

MODEL "B"

Fuel—KEROSENE or DISTILLATE.
Motor—Twin-cylinder horizontal, cast in bloc; 4 cycle; overhead valves, 2 1/2 inches diameter.
Bore—5 1/2-inch; stroke 7 inches, speed 750 R.P.M.
Guaranteed Power—Belt, 24 h. p.; drawbar pull, 12 h. p. or 2,000 lbs. at 2 1/4 miles per hour.
Oiling System—Mechanical force feed—6 leads.
Maidfold—Special (Patent applied for).
Ignition—Atwater-Kent, Automatic retard and advance.
Carburetor—Special kerosene.
Transmission Gears—Steel cut, spur type.
Final Gears—Roller pinion.
Bearings—Die-cast, reinforced back; crank shaft bearings 2 1/4 x 5 1/2 inches; connecting rod bearings 2 1/4 x 3 1/2 inches.
Tractor Bearings—HYATT ROLLER BEARINGS throughout, in dust-proof cages.
Type of Transmission—Sliding gear, inclosed and running in oil.
Cooling—Circulating pump, radiator and fan; water capacity 9 gallons.
Governor—Fly ball type, with quick adjusting screw for any speed.
Engine Suspension—3-point.
Drive Wheels—2.56-inch diameter, 10-inch face.
Clutch—Band, contracting.
Axles—Rear, live, 2-inch diameter; jack shaft 1 1/2-inch; transmission 1 1/2-inch; crank 2 1/2-inch.
Weight—3,700 lbs.
Drawbar—Swinging type, centre of traction wheels—no side draft.
Frame—One-piece cast steel, unbreakable.
Steering—Automatic, from wheel in furrow; foot brakes on differential enable tractor to turn square corner, right or left.
Fuel Capacity—Kerosene 11 gallons; gasoline 3 gallons.
Muffler—Integral with frame, silent.
Height—72 inches; length 148 inches; width 60 inches.

Read
these
carefully
then
see our
dealer
or
write us
direct!

J. D. ADSHEAD COMPANY Limited

(CANADIAN REPRESENTATIVES)

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Winnipeg, Manitoba

