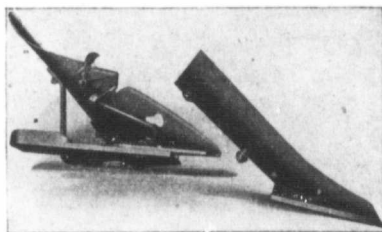
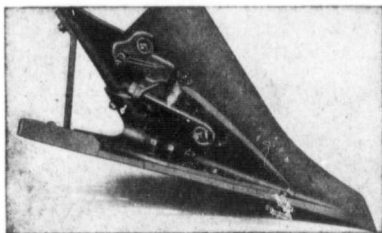
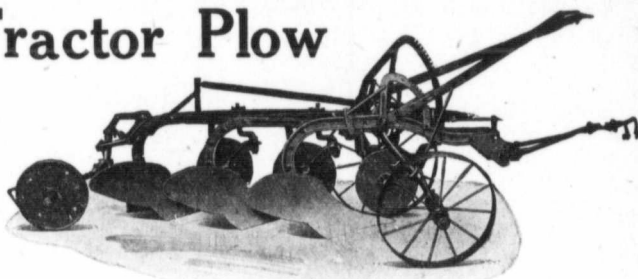


# The Hamilton Tractor Plow

*A Better Implement  
Does Not Exist*



**BEFORE AND AFTER.** The shares can be removed without the aid of a wrench. Unscrew the hand nut on the draw rod and kick the share off the plow. No time wasted—takes but a few minutes. Note the strong, heavy frog and the chilled heel on landside.



**T**HE HAMILTON TRACTOR PLOW scours under adverse conditions. It turns a smooth furrow and provides a compact seed bed, putting all trash in the bottom of the furrow. A wide range of close adjustments enables the operator to turn a furrow of the exact depth required. When opening the field, the front bottom can be adjusted to turn a furrow of any depth.

The quick-detachable-share arrangement is one of the special features of the Hamilton. It is shown and described below. Any man who knows plows will appreciate this feature to the full.

This is the power-lift plow—meaning that the tractor furnishes the power to lift the plow. A slight pull on the rope by the operator from his seat raises and lowers the bottoms—a very simple and easy operation. The lift is high with good clearance. Levers which are long and convenient are in easy reach of the operator and govern plowing depth.

The Hamilton Tractor Plow is substan-

tially built throughout. The beams are exceptionally heavy, of high grade carbon steel, rigidly fastened together by heavy braces. Two or three-bottom sizes. The hitch has good range of adjustment up and down and sideways. Careful protection is made against dust getting in to wear the bearings. Wooden break pin minimizes danger of damage to plow.

Owners of Hamilton Tractor Plows have for years known plowing satisfaction. Join these owners. No better implement exists than the Hamilton tractor plow. Write the nearest address below for complete information.

## INTERNATIONAL HARVESTER COMPANY OF CANADA LTD.

WESTERN BRANCHES—BRANDON, WINNIPEG, MAN., CALGARY, EDMONTON, LETHBRIDGE, ALTA., ESTEVAN, N. BATTLEFORD, REGINA, SASKATOON, YORKTON, SASK.  
EASTERN BRANCHES—HAMILTON, LONDON, OTTAWA, ONT., MONTREAL, QUEBEC, QUE. ST. JOHN, N. B.

### HIGH-CLASS "BRITISH" MACHINERY

## The "Marshall" Oil Tractor

*Built like a Battleship  
Runs like a Watch*



### The Dreadnaught of the Prairies

This Tractor is made in 2 sizes, 18 H.P. Drawbar, giving off 30-35 Brake H.P. on the pulley; 32 H.P. Drawbar, giving off 60-70 Brake H.P. on the pulley. They are economical, durable and reliable. Guaranteed of finest materials and best workmanship. They need few repairs.

**IF YOU WANT SATISFACTION. BUY OUR TRACTOR AND THAT WILL STAND UP AND GIVE YOU MANY YEARS OF SERVICE**

Farmers are seriously warned not to be misled by the light, short-lived, inferior cheap (so-called) Tractor; it will not stand up, and only causes trouble, vexation and loss.

SEND FOR CATALOGUE

SEMI-DIESEL, TWO CYCLE, OIL ENGINES, STATIONARY AND PORTABLE

suitable for General Farm Work, Threshing, Electric Lighting, Contractors, and General Commercial use.

**Marshall, Sons & Co. (Canada) Ltd.**  
ENGINEERS

Saskatoon Canada  
P. O. Box 1564 Telephone 3395

These showed that so-called carbon is really a mixture of iron oxide—from wear of the cylinders and pistons—oil which was not carbonized, real carbon, and road dust. The percentage of iron oxide and of road dust varied, being greater from engines operating on light sandy soils. The dust in many samples formed over half of the carbon.

It is evident from these facts that no adjustment of the mixture in the carburetor or quality of the lubricating oil can prevent the formation of carbon under these conditions.

And too, it is easy to see that the oxygen system of "burning out" carbon cannot remove entirely a deposit of "carbon" formed of dust which cannot be burned.

Many different types of air cleaners are in use on tractors, and several are for sale for attaching to tractors not equipped with cleaners at the factory.

The accompanying illustration shows the design of an air cleaner which can be easily made by any tractor owner. Though it will not clean the air so thoroughly as the more elaborate "built-in" cleaners, especially those of the water type, it will give good results on tractors already in use. In preventing carbon deposits and wear of the en-

gine it will repay many fold the trouble of making it.

The sheet-metal pipe has holes made in it about one inch in diameter, as close together as possible and still leave metal enough to hold together. This is covered with fine-mesh screen wire soldered at the ends and along the joint. The screen is covered with a knitted ribbed-stocking "top." The "tops" are made in an endless string and cut into lengths and the feet knitted on. A top can be cut out of an old stocking, but a piece which has not been dyed is much better. Pieces of any length desired can be bought from hosiery mills.

The top is pushed all on one end and just enough pulled down to cover the screen and is held in place by two rubber bands. As it becomes dirty another part is pulled over the screen. The whole piece can be easily washed or most of the dirt can be removed by whipping it in the air or against a post.—James W. Cottrell.

Agent—"Just a moment, Mr. Peck. Have a cigar? I'd like to interest you in a motor car."

"No, thanks! Wife doesn't allow me to smoke, and it was a motor car we eloped in."

**"Quality first"  
for 35 Years**



## Galvanized "Eastlake" Shingles

**\$10. Per Square**

F.O.B. Winnipeg

Lightning-proof, Fire-proof,  
Storm-proof, exceedingly  
Durable, Easy to Lay.

*Metal Shingles lead all  
roofings—for 35 years  
the old reliable*

**"EASTLAKE"**

*has led in metal shingles.  
Why experiment? Stick  
to the "old reliable"  
and be safe—buy  
"EASTLAKE".*

We also make  
"Empire" Corrugated Iron  
Spanish Tiles—Siding  
Silo Roofs—Garages  
ILLUSTRATED BOOKLETS FREE  
Send sizes for estimate

**The Metallic Roofing Co.**

MANUFACTURERS Limited  
797 Notre Dame Ave.  
WINNIPEG 306W