

# A SUCCESSFUL PLOWING ENGINE

In building a successful Plowing Engine a manufacturer is confronted with three great problems which must be solved. They are:

*First*—To generate the power in the cylinder from a minimum quantity of coal and water.

*Second*—To transmit power from the crank-shaft to the drive wheels.

*Third*—In the drive wheels—to grip the earth firmly without loss by slippage or sinking into the ground.

To do big things in the cylinder—that's the vital place, the first place to look for wasted energy. RUMELY boilers are equipped with extra large and roomy fire boxes and extra wide water space on all sides of the fire box. This permits of unhindered circulation and freedom from deposit.

Now look at these gears. They are designed after careful study and twenty-nine years of traction engine building experience. These RUMELY gears are made of SPECIAL semi-steel that wears smooth, hence no undue waste in friction.

These gears are massive—they will stand the strain without danger of breakdown, and they will do the work—not for a month or one season, but will last and keep earning the purchaser a big profit on his engine. This is the successful power transmission.

The massiveness of the wheels, the gearing, the heavy rear brackets, the axles, etc., which add to the weight on the traction wheels, greatly increase the gripping efficiency. The gripping lugs scour well, and, being placed at the proper angle, prevent any unnecessary jolting of the engine and picking up of dirt.

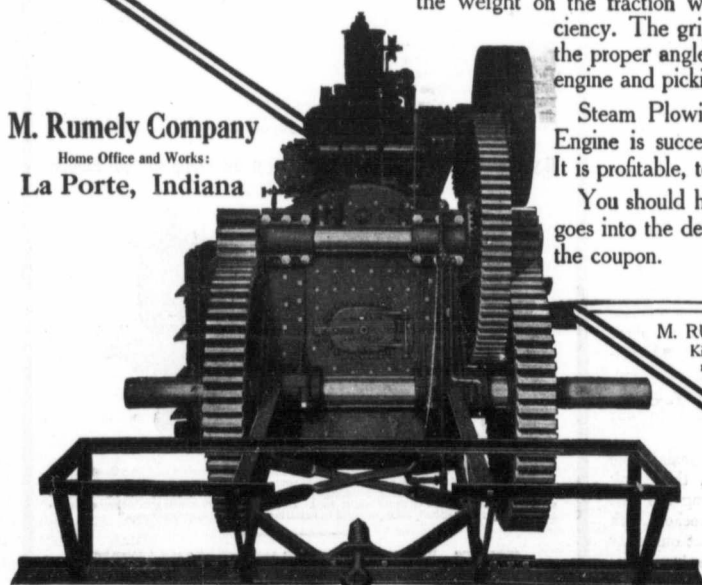
Steam Plowing with a RUMELY Steam Plowing Engine is successful in the fullest meaning of the term. It is profitable, too.

You should have our Plowing Engine Catalogue—it goes into the details—it will be sent upon request. Use the coupon.

## M. Rumely Company

Home Office and Works:

La Porte, Indiana



### M. RUMELY CO., La Porte, Ind.

Kindly mail me a copy of your Plowing Engine Catalogue and other data regarding plowing that will be of interest.

Name \_\_\_\_\_  
 County \_\_\_\_\_ Town \_\_\_\_\_  
 State \_\_\_\_\_ I now own \_\_\_\_\_ acres  
 located in \_\_\_\_\_  
 Are you a thresherman? \_\_\_\_\_ Do custom plowing? \_\_\_\_\_ I now own \_\_\_\_\_ engine \_\_\_\_\_ years old. I now own \_\_\_\_\_ separator \_\_\_\_\_

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