

different proposition to running one in an elevator or shop, for your engine is on the move more or less all the time and it is generally cold weather; but with a few pails of hot water I can start my engine in 20 minutes after I get to where we are going to work.

Yours truly,
A. T. Spurrill,
Ninga, Man.

The Only Trouble Was In Starting.

I have been operating a gasoline engine for my father for three threshing seasons and if my experience would be of any value to others I will be only too glad to have it published.

Our engine is a 15-h.p. portable International Harvester. I have been running with it a Belle City separator, 32-inch cylinder and rear, and have just about the right amount of power.

I can thresh about 750 bushels of good wheat or 1200 bushels of oats in a ten hour day.

I have never used a traction engine, but think that it would be better than a portable, as it is rather awkward moving from place to place, besides the necessity of taking horses along.

The engine gave very good satisfaction last year. It works better each year, as I get better acquainted with it. It uses about 1½ gallons of gasoline per hour at a cost of 34 cents per gallon. I have used coal oil for fuel when I ran out of gasoline. I seemed to have just as much power, but had a great deal more smoke.

The starting was really my only trouble with the engine. This was more noticeable on cold mornings, but by holding the exhaust valve open till two men got up good speed, then letting on all the compression and sparking it on dead center, it nearly always started and my troubles were then over for the day. If a person could always have a real good spark it would do away with a great deal of trouble in starting. I had to get four new sets of dry cells and then they were only used to start the engine, as I have an auto spark, which gives very good satisfaction.

Yours truly,
D. Fred W. Willock,
Pincher Creek, Alta.

Threshes 500 Bushels Per Day.

In the fall of 1908 I purchased an International Gasoline engine, 15-h.p., with a Belle City separator 32 x 40 with straw stacker. I feed by hand, as I consider the hand feed much superior to the self feeder on a small gasoline outfit.

This outfit has proved very satisfactory to me, as I have not lost a day in the two falls through the outfit failing to run. I own a section and a quarter of land and would advise any farmer with more than half a section to own a little rig and thresh when he is ready. My rig is quite simple to operate and is a grain

saver, as when a man is just threshing his own crop, does not need to crowd the grain through.

Last fall I used three stook teams with a man in the field, and could thresh about 500 bushels of wheat a day and about 1100 bushels of oats and do a first class job. I threshed 7,000 bushels of wheat, 4,000 bushels of oats and 1,000 bushels of barley last fall for myself, and the cost was not more than \$100 more than it would have cost me to have stacked it and I was through while most of the steam outfits were still stook threshing.

I used to run from seven in the morning till eight at night with one hour off for dinner and used about fifteen gallons of gasoline per day. The gasoline cost me 23 cents per gallon last year, while the year before I paid 28 cents. The engine is a portable and besides threshing I do my own crushing with it.

Yours truly,
Walter Young,
Minto, Man.

Well Pleased.

I have a 25-h.p. Fairbanks Morse gasoline engine, which I use to drive a 28 x 42 Waterloo Separator, with all attachments, which it seems to handle quite easily.

I used five stook teams with two pitchers in the field and threshed about 1000 bushels of wheat in ten hours, and was only threshing oats one full day in which we made three moves covering a mile in the moves, and we threshed 2,500 bushels in nine hours.

I used about 30 gallons of gasoline every ten hours, but the expert told me that my ignition points were worn too short and that was the reason I used more than the 25 which was all the engine was supposed to use.

The gasoline cost me 29 cents a gallon and I was allowed \$1.00 for the empty barrels when I returned them.

My engine gave me good satisfaction. I did not have a strainer to strain the gasoline before it went into the tank on engine and it seemed to clog in the pipes.

I have done some grinding of grain with the engine. I have a twelve-inch crusher and can crush about 35 bags of oats in an hour, using about 4½ gallons of gasoline.

Yours respectfully,
John A. Young,
Mountain Peak,
Kisbey, Sask.

Mrs. Martin J. Wessels, of Spokane, Wash., is said to be the only artist whose work is devoted exclusively to pictures of grain.

Lady Elizabeth Butler, well known as the painter of the stirring battle scene "The Roll-Call," purchased by Queen Victoria; "Inkerman," which brought \$15,000; "Scotland Forever," showing a wild charge of the Scots Greys, and many other military subjects, has published a book, "From Sketch-Book and Diary," illustrated by herself, which takes her reader to Ireland, to the east, to South Africa and to Italy.



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