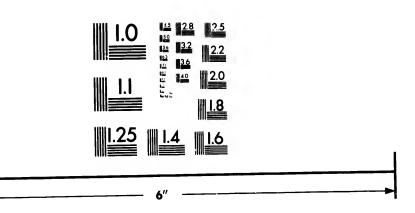


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FOREST CITY MACHINE WORKS

→ GEO. WHITE ↔

KING STREET WEST, - LONDON, ONTARIO,

MANUFACTURER OF

IMPROVED PORTABLE & STATIONARY

STEAM ENGINES

AND BOILERS.

NSPIRATOR OR INJECTOR PUT ON WHEN REQUIRED. *

WHITE'S THRESHING ENGINE.



1877.

REPAIRING ATTENDED TO

MR. GEO. WHITE, -

Tilbury Centre, Ont.

Dear Sir,—I have just seen a practical engineer who has had long experience with different engines; he says that your Engine is worth two of any other kind, in point of durability and service. He says the Goodrow and Tombley engine, now in its fourth year, is as good as ever, and has had no repairs; while others that came into this section the rame season are worn out or almost worthless. I myself am satisfied that they are the best and most durable engines made.

Yours truly,

JOSEPH KIDD.









TESTIMONIALS.

MR. GEORGE WHITE, - Caradoc, Longwood Station P.O.

Dear Sir,—With much pleasure we inform you that the Engine we purchased from you last August is satisfactory in every respect. The farmers say it takes the least wood and water of any engine they ever saw. We have had several threshers try to feed the steam down, but went away disappointed. We have used all kinds of water—in fact, some water was thick with mud—and it never showed the least sign of foaming. Furthermore, it has not cost us one cent. We have threshed from morning till night, and never had to stop.

I remain, yours truly,

CALER CAVAN.

MR. GEORGE WHITE,-

Burnside P.O., Man.

Dear Sir,—The Threshing Engine I purchased from you last year gave perfect satisfaction in doing its work. It run my separator with perfect ease with seventy pounds of steam. It uses very little wood or water, when compared with other engines of the same power. The spark-arrester is the best I have seen. Steam can be raised in a very short time, and held to the required amount of steam, with wood so damp that other threshing engines would scarcely burn at all. I would recommend the White Threshing Engine to all intending purchasers.

Yours truly,

GEORGE HUNT.

This is to certify that I was engineer to the above engine last fail, and I have run engines for the last fifteen years, and I candidly say that I never run a better engine.—John Watkins.

GEORGE WHITE, Esq.,-

Mayfair P.O.

Dear Sir,—The engine which I purchased from you last October gives entire satisfaction to all concerned. There are different engines hereabout, but the White Engine takes the lead; it is light in draught, safe from sparks; steam can be got up inside of forty minutes; the rubber springs are complete for the rough roads. All things taken into consideration, the White Engine cannot be excelled. The farmers for whom I have threshed were all satisfied, as several of them have annexed their names to this certificate. Trusting that all who want portable threshing machines will purchase from you, we are,

Yours truly,

CAMBELL & KERR.

JAMES MURRAY,
JOSEPH MILLER,
DONALD McTAGGART,
ALEX, MCNEIL,
JOHN P. CORNEIL

DUGALD DUNCANSON,
LACHLEN MCTAGGART,
JOHN DUNDON,
ALLAN STEVENSON,
and thirty others

Mr. GEORGE WHITE, -

Burnside P.O., Man.

Dear Sir,—We have made a good season's threshing this year, amounting to 61,614 bushels, our account footing up to the snug sum of \$2,042.

Yours truly,

GEO. & JNO. HUNT.

White's Threshing Engine.

The following points of superiority in this Boiler and Engine cannot fail to attract the attention of those engaged in Steam Threshing:

lst.—The Engine and Boiler are made of the very best materials, by skilled mechanics, and are powerful enough to run any Separator to its full capacity, with easy firing and without forcing or straining, and cannot be choked down with the heaviest feeding.

2nd.—The Shell and Fire-Box of Boiler are straight and round, which is the oldest, strongest and safest form of boiler known, having no hole cut for grate or

ash-pan.

3rd.—It has return Tubes and Water Space all round the return end, an improvement which none other can claim.

4th.—It will burn rough wood from one to five feet in length; coal of any kind, or cornstalks, can also be

used with the utmost economy.

5th.—The Tubes are not liable to be burned by being exposed to the hottest part of the fire, or to contraction from draft on opening the door, as is the case with common fire-box or upright Boilers. There is a fusible safety plug in the highest part of heating surface, with soft metal core, which will melt out in case of low water, allowing the water to blow into the fire, thereby extinguishing it.

6th.—The principal wearing parts are made of steel

and brass, and cannot possibly get out of line.

7th.—It is mounted on rubber springs, which are absolutely necessary on gravel roads. The wheels are all iron—no loose tires or spokes.

8th.—It has a water-pan under the furnace door, and is hooded around sixteen inches outside of door,

so that no sparks or coals can escape.

9th.—The smoke-stack is very large, with an inverted cone screen, meeting the full force of exhaust steam, making the most perfect spark-arrester in use, at the

same time giving a very strong draft.

10th.—A portion of the exhaust steam is used to fill the ports and cushion the piston, making a great saving. The water is brought almost to a boiling point before entering boiler, by passing through a coil of pipe, utilizing the double heat of exhaust steam and smoke-box.

11th.—License is given from the principal Insurance

Companies with each Engine.

12th.—Parties purchasing will not be required to

make any settlement until the Engine is started.

All who have used these engines are giving the most flattering testimonials, but I will submit only a few with each class of Engines.

Set the bo Use keros clean, keep

Fill with water-gauge pump valve

See that packed.

Oil all th

Much fue often, and ashes, or co

Never clo boiler when closed wher the supply

See that from the he

Start and cocks before after starting stuffing-box sometimes of See that the

The speed thumb-nuts

Never all gauge. If, be seen in the fire wit ger of expl every week

Never pu sionally rais Keep the as coals or as Never leave to the fire of too much si

If possible may run as valve open.

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n is used to fill teat saving. The entering boiler, e double heat of ipal Insurance

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e most flattering class of Engines.

DIRECTIONS.

Set the boiler as level as possible.

Use kerosene to clean the working parts; when once clean, keep them so.

Fill with water about two inches in the glass of water-gauge. Use soft water if possible. Clean the pump valves before starting the Engine.

See that the piston and pump-rods are properly packed.

Oil all the bearings. Use the best sperm oil. Do not make the bearings tight at first.

Much fuel may be saved by cleaning out the Anes often, and not allowing them to become filled with ashes, or coated with smut.

Never close the valve between the check-valve and boiler when the Engine is running; this is only to be closed when taking out the pnmp valves. Regulate the supply of water by the valve in the suction pipe.

See that the pet-cock, that conveys the waste water from the heater, is kept open when starting.

Start and stop Engine very slowly; open cylinder cocks before stopping, and leave open a few minutes after starting. Care should be taken that the governor stuffing-box is not screwed down too tightly, which sometimes occasions spasmodic action of the governor, See that the governor works freely.

The speed of Engine may be increased by screwing thumb-nuts on governor spindle.

Never allow the water to get out of sight in watergauge. If, through want of attention, no water should be seen in the water gauge, or gauge cocks, put out the fire without delay; failing to do this there is danger of explosion. If using impure water, blow out every week.

Never put any extra weight on safety valve. Occasionally raise the lever to see that the valve works free. Keep the ashes from under the grate, and never allow coals or ashes to accumulate in back end of boiler. Never leave the fire door open except when attending to the fire or fuel. Close the damper when you have too much steam.

If possible, time your machinery so that the Engine may run as the governor dictates, with the throttle-valve open.

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stru be d The Engine may be run either way, and to effect this alter position of eccentric on main shaft, according to marks of chisel on main shaft. The Engine will not be efficient unless the marks on eccentric and main shaft correspond at one of the two places.

The speed of the Engine is 200 revolutions per minute. The size of belt-pulley on separator shaft should be 7½ inches in diameter.

For security against fire the screen wire-cloth is fine, and should have attention to insure draft. It should be swept or brushed when choked.

Never use animal oil on rubber driving-belt.

License is given from the Principal Insurance Companies with each Threshing Engine,

-> STATIONARY ENGINES->

ALL SIZES.

PLAIN SLIDE VALVE.

ADJUSTABLE CUT-OFF SLIDE VALVE,

AND AUTOMATIC CUT-OFF.

Either of these kinds are built with special regard to

Durability and Economy in Fuel.

The following testimonial is for an Adjustable Cutoff Engine. Intending purchasers would do well to see it working at the McClary Manufacturing Company's Works in this city.

GEORGE WHITE, Esq., -

London P.O.

Dear Sir,—With regard to the 60 H.P. Engine we purchased from you, we are happy to be able to report that it is giving good satisfaction, and has proved to be all that was promised; although we are running more machinery than the old engine was capable of carrying, we find that we are not using more than one-half of the fuel previously consumed; and as regards simplicity of construction and perfection of working qualities, it leaves nothing to be desired.

Yours very sincerely,

JOHN McCLARY, President of McClary Mig. Co

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Engine rottleMr. Gro. WHITE .-

Dear Bir,—In regard to the Ragine purchased by Rose & hompson, we are pleased to say that it does its work retuarkably ellin every respect; in fact, it takes the least wook and water of my engine we have seen thresh, and has any annum of power.

Those Martineara of Watlay Keny,
Heant Mchineara of James O'Doub.

Ma. GRORGE WHITE,-

Kimball P.O.

Bit.—Your letter of the 27th to hand, and note received with thanks. You wished us to write and let you know how we like us plannid. We ran seventy days and did not cost us a cant, nor were we delayed an hour. We had a good seeson, had good link, and did not loss any time with breaks. We gave our holt a had tear, shout twenty feet; we would prefer a six-linch bett now; is would have more power, and not run as tight. I suppose you will have some new improvements the comparesses. HARKNESS BROS.

Blumenfelb,

Werther herr George 20 bite!

3ch bante Ihnen bestens für n einen Dampf-teffel, benn wie ich fest glaube wird meinen Dampfteffel in Diefem County nicht übertroffen an Bortheil, in Dolg fparen und Arbeit forbern; auch wegen re-gutantem Bange und jugemeffener Startefraft be-fraftigt mein Dampfteffel wöllig was Gie mir verfproden baben, beffenwegen tann ich aufrichtig jebem Raufluftigen rathen Gure Mafchine gu taufen. bante auch für ben Arm welchen Gie mir fandten, und wunsche Ihnen bas beste Wohlergeben.

Achtungevoll Guer Freund,

Abraham Gierbrecht.

Intending purchasers will please apply to

GEORGE WHITE,

WORKS, **FOREST** CITY MACHINE

LONDON, ONTARIO,

for further information, which will be cheerfully given, whether you purchase or not.

Licensed by Principal Insurance Companies.

Ma. Gronon William,

Wyoming P.D.

MA. Gosoon Will's, — We the undersigned farmers of the Township of Plymouth and Enniskillen, did engage Mears. Itarily & Dennis, to do our threshing with one of your little engines, which has given us entire satisfaction. It is made at one wood and water casy kept in steam, and is explain of driving any separator with all case, perfectly safe from fire as far as we can judge. We consider your eagine see and to mose for threshing purposes of one-thing deep control of the constant of the control of the comment of

ALEXANDER DAWSON, ARI JUIN DEBORDEDH, JAO JOHN HOUSE, WM ALLAN MCLRAS, JOH ALEX, MCLACHILE. ARTHUR HUME, JRO. U. STEWART, WM, HAAINGER, JOHN HABNEW,

MR. GEORGE WHITE,-

Maidstone Cross P.O.

MR. GROOD WHITE,— Maddedone From First,
Dear Sir.—Dur Hitle steamer, to all intonts and purposes, is a
most satisfactory affair, with every thing right equal to the task of
threshing from 100 to 1000 bushels of grain per day. Sir. Melntyre, another thresher, told me that ite had one of Whitte's
Engines, and that in the Spring he wasgoing to order another one
from the same establishment, remarking at the same time that
the firmly belleved that it would be a timing almost impossible for
any other firm to make and adjust an engine that would give
more satisfaction than the engines Mr. White manufactures. We
heartly endorse Mr. Mchoftyre's statement in every particular,
Cognitally wome trails. Cordially yours truly,

JOHN & AMBROSE BONNEAU.

MR. GEORGE WHITE,-

Maidstone Cross P.O.

Maidstone Cross F.D.

Dear Sir, "We can recommend the engine we got from you this season, and as we are old threshers with steam power and the senson, and as we are old threshers with steam power and the first to introduce it into this country, some sowen pages since, we profess to know something about steam threshing. We have threshed seventy-click jobs, and are threshing seventy-click jobs, and are threshing yet, by don't know when we shall be through; think you will get the \$25 over the price; they have made no signs of forming yet. We have threshed for chronic growlers, but they have not growled at the work we have done, because it takes so very little would shall water. It has not cost us a nickel for repairs on either engine.

WM.GIEENWAY. WM. WHITE. WM. WHITE.

WM. GREENWAY.

Ma. GEORGE WHITE, London,-

West Wawanosh P.O.

an. Groson Witte, London,— West Wawanosh P.O. Dear Sir,— We, the underelgend, have this day had the pleasure of seeing one of your little threshing engines work at Mr. Bugh seeing one of your little threshing engines work at Mr. Bugh with the properties of the seeing one of the seeing of the see

Appearance of sparse whatever.

THOMAN PLEYNERT,
JAMES ROSS,
WM. J SMITH,
JOHN ANDERSON,
JOHN ANDERSON,
HORT, HAMILTON,
JOHN P. NIVINA.

Ma. Grones Writts,—

Dear Sir,—The season of threshing is neely owned as very satisfactory season, and as far a bought of you is concerned, we must, in justice, as itseed, in our opinion, of all the tirreshing singles the country, and we have had a large experience, reciting purnousers, for the following reasons. It is struction and easily kept in order; has plenty of rate of threshing; the spark acree in lepsthest; except to turn down the smoke-stack at night to a titude to the prefectly elean, and a timbe-fener has an of them; the grate gives no trouble, and does not denty and leave the freeins in the lurch, but begin at the back end with no perceptible disadvantage of the same of them; the grate gives no trouble, and does not entire of the back of the trouble of the same of the same of them; the grate gives no trouble, and does not extend the same of them; the grate gives no trouble, and does not extend the same of the same o

Ma. Ground White,

Dear Sir,—The little engine is working tip-to-say it runs very nice and smooth, and gives entire is the heat threshing engine lever firet, and it re to its full capacity with the greatest of ease, and wood and water, and is absolutely safe from five.

WM. A. WILL

Ma. Groson White,-

West Wi

Ma. Groson White.— West Will.

Dear Sit.— We have hardly done our duty in no before respecting the floiler and Engine we pure five reason was, we wanted to test it in the cold we have when it was 30 below zero, and a very sit wind blowing on it, and moter those difficulties slightest trouble to keep my power, using cedar we great credit for the manner in which you have applied your heater; the water cannot reach the boiling, a benefit which cannot be over-extinated, some over half the first had plant my other engine did for sale in the Hominton, and I will back up th time. I have plenty of power for my shingle mit to life utnots capacity; and I am glad to be farmers are well suited; this is a main thing.

FLETCHE

Ma. G. WHITE, Loudon.

Comber P.O., I

Ms. G. White, London,— Comber P.O., E Dear Rit,—Thinking It only justice to "give he is due," and feeling assured that to hear favore one's own workmanship must be always pleasi charle, we have concluded to mention some few y working of one of your engines, which has been charle, we have concluded to mention some few y working of one of your engines, which has been that we now hasten to give credit to you as the your engine is now in its third year, and to men place, has not as yet cost one dollar for repairs eason threshed the weeks, and had nover yet for feed so rapidly with good grain as to run us down furthermore, we could always stark with 40 lbs. though we could run up to 100 lbs., if necessary, bibliged to the over 75 lbs., while any other on were four threshing in the district would never mere full bead. On Mr. Peer Information of the control of the contro

MR. GEORGE WHITE,

MR. GEORGE WHITE,—
Dear NIT,—I write you these few lines to let am getting along. I am getting along well, the warming their Jackets this year. The first threshed three hundred busiles in the foremoon. In the second of the second warming one look of the second of the

MR Gronde White,—
Dear Sir,—Every farmer that comes in likes
than any they over saw.

Yours truly, J. A.

Wiffeld P.O., Ont.

WHITE,—

WHITE,—

WHITE,—

The essaon of threshing is nearly over, and we have restificatory essaon, and as far as the engine via sentencity essaon, and as far as the engine via concernied, we must, in justice, say that it stands repline, of all the tireshing regimes. In this part of and we have had a large esperience, and now own engines. And we would strongly recumented it to insulty kept in order; he plenty of your trouble on the sentence of the sentence

WM. WAY.

Stoney Point P.O.

WM. A. WILLIAMS,

Engineer.

a WHITE. -

West Winchester, Ont.

a Wuirs,—

We have hardly done our duty in not writing to you peeting the Holler and Engine we purchased from you, was, we wanted to test it in the coldest weather, and hen it was 30 below zero, and a very strong North-west ing on it, and under those difficulties, I had not the rollet to keep my power, using cestar wood. I give you it for the manner in which you have constructed and ir heater; the water cannot result the boiler before it is half the finel that my other conjusted it; and the Wolfershalt in fact, it is the best threshing rig offered the Dominion, and I will back up this sewertion any vare picuty of power for my shingle mill, and can drive those typicity; and I am glad to tell you that the well suited; this is a main thing.

ELETCHER & BROWN. FLETCHER & BROWN

mrs, London, Comber P.O., Essex Co., Ont.

HITE, London,— Comber P. D., Essex Co., Unt.

7.—Thinking it only justice to "give honor where honor and feeling assured that to hear favorable mention of worknamship must be always pleasing to a good mechanic concluded in mention some few particulars of the honor where honor concluded in mention some few particulars of the honor considered in the honor with the the hono

g you may be as pleased to receive this report as we are thic to give it, Wo remain, Sir, Yours truly,

GALINNO & RAY.

OR WINTER

Blythe P. O.

or Wittin—

If with you these few lines to let you know kow I wallong. I am yetting along well, the little engine is their jakeks this year. The first day I started I three hundred bushels in the forencon el am for market—and—were threshing one load of oats. The swas Dr. Sloan's, and I threshed leight hundred hushols urs and a half. I moved to the next barn in the after I threshed four hundred bushels in four hours and a sy are after me from all parts. I was offered \$\mathbb{S}\$ a day nother settlement, but I have got as much as I can do me. There was a main in this section from Londoneller and the started was a settlement, but I have got as much as I can do for the settlement, but I have got as much as I can do for the settlement, but I have got as much as I can do for the settlement of the s

or White,—

Trafalgar P.O.

The engine better they over saw.

Yours truly, J. A. JOHNSTONE.

MR. GRORGE WHITE, -

Dear Sir.—The Figine purchased from you does splendilly. I like the heater, and have no trouble to keep steam, and ever framer likes it where we have threshed; they think with us that it cannot be heaten. We have threshed every day since your son exterted it, and not a hit of trouble; it couldn't she better. I have to keep the damper shut fully one third of the time to keep the steam down.

Yours truly,

CHARLES MARKLAND.

Ma. GEORGE WHITE,—

DEAT SIT,—The Threshing Englise purchased from you would sell; the best I have ever seen, and I have handled a large number of eighnes. The heater is a grand affair, and cannot be better, and the whole rig is so handy.

Your study.

Vours truly

Ma. Groson Willer. -Barronsfield P.O., N.S.

Dear Sir,—After a thorough test, the Engine is priving a success, and suite us well; it is very easy to steam, and does not consume more than one-half as much coal as the ougher we had before, and it has any amount of power for threshing or pressing hay; in fact, we are well pleased with it. Yours truly,

J. H. & J. W. SKAMAN.

Ma. Gro. Willtn, -

Tiverton P.O., Ont.

Ma. Gro. Writts.— Tiverton P.O., Ont. Dear Sir.—We write to let you know how we have got along with our engines. We purchased one from you in 1882, which gave to entire seaf-solor. I had the concluded to purchase another seaf-solor. I had been been done well; they are compact, light, and very say to move. They have any amount of power for the heaviest threshing. They have any amount of power for the heaviest threshing. They have long and are welly freel, keepling up steem with all case in the coldest weather. The engines are very casy to keep in order. We have bad no lost time with them, they are always ready for a day's work; no leaky flues or things getting out of order, and the best of all, the farmers like them; they are safe from fire, and altogether the best threshing Engine we have seen, Yours very truly,

W. & A. KIRRCONNELL.

MR. GRO. WHITE,

Thury Centre, Ont.

Dear Sir, —We certify that your "breshing Engine is the best we ever used; it works well, and has proved to be dirable. We have used it four years, and it has not cost us one cent for repairs; and now it works as good as ever.

Yours truly,

HOGBAND & KING.

St. Marys P.O.

MR. Grong White,—
Dear Sir,—Received your eard yesterialy wanting to know how wellked our little engine. Well, we could not like it hetter; we have not lost one hour with it since we commenced threshing with it. We have been threshing believe the since we commenced threshing with it. We have been threshing believe the stem in less time than the rest, and it is easier kept any set up steam in less time than the rest, and it is easier kept and get up steam in less time than the rest, and it is easier kept and set of the rest in the stem than the rest, and it is easier kept and a steam of the stem in less time than the rest, and it is easier kept and a steam of the stem in the steam of the stem in the steam of the

Ma. Gamor White,—
Dear Sit,—In answer to your implifies respecting the engine I got from you last April, I have to say I am well pieased with it in every respect, and have given perfect satisfaction to every one we directed for. We do not blow out the water every time we move, because of team can be made up in the water every time we move, because of team can be made up in the case. Your engine move, because of team can be made to the case of the

Yours truly, RICHARD IL HEAL.

Ma. Grorie White, Mitchell P.O.

Dear Sir, ... The Threshing Engine 1 am running under the charge you left to me is running splendidly and pleases everyone. Yours truly, WM. M. CHOWN,

Engineer.

MR. GEORGE WHITE, ---Essex Centre P.O. Dear Sir,—The Engine No. 47 gives perfect satisfaction. It runs first rate. I never ran anything that makes steam so easy as she does, or takes less fuel. We will send you a good testimonial.

JAMES DINCMAN,

Engineer.

The Safest, Most Durable & Easiest-Handled Engine

IN THE DOMINION.



AFTER THE TEST OF YEARS



IT IS STILL UNEQUALLEI



Licensed by Principal Insurance Go's.

Please Read the Pamphlet Carefully.



