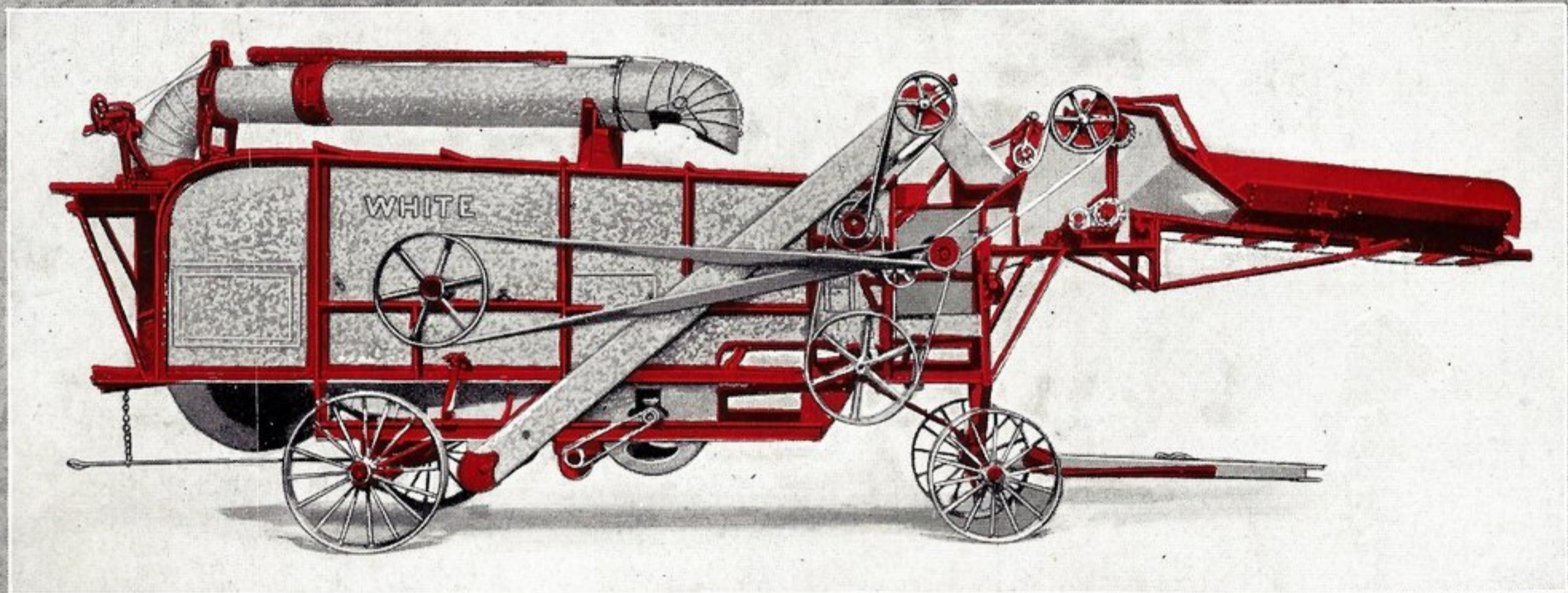


Threshing Machinery

**STEEL THRESHERS — KEROSENE TRACTORS
STEAM ENGINES**



WHITE GOODS WIN GOODWILL

Branches:

**Brandon, Man. Moose Jaw, Sask. Saskatoon, Sask.
Alberta Distributors — Calgary & Edmonton.**

“WHITE” Threshing Machinery

Roller Bearing Steel Threshers

Allwork Kerosene Tractors

John Deere Farm Tractors

(ONTARIO)

Huber Tractors



GEO. WHITE, Founder

George White & Sons Company, Limited

HEAD OFFICE

-

LONDON, CANADA

WHITE GOODS WIN GOOD WILL

THE George White & Sons Company, Limited, has played an important part in the threshing machinery field. It was over sixty years ago that Mr. George White built his first steam engine. Since that time the factories of George White & Sons Company, Limited, have turned out thousands of engines and threshers, and each succeeding year has brought improved machines, more efficiency, better materials and workmanship, so that today we present to you a line of goods of which we are justly proud.

Speaking first of Threshers, we have improved these step by step, to meet changing conditions and demands. Today White Steel Roller Bearing Threshers will be found giving their owners the highest quality of threshing service.

The White Steel Thresher, of course, embodies features which are common to all grain threshers, but in addition, many new and advanced ideas are to be found which add very materially to its threshing, saving and cleaning qualities. As an example, compare the Rotary Straw-rack used in the White Steel Thresher with the Straw-rack found in any other machine. Study its action produced by a rotary motion at the back of the machine, and an oscillating motion at the front of the machine. This combination gives the greatest possible shake to the straw and the best of separation is assured and vibration eliminated by using these racks. The grates and check-plates behind the cylinder are a wonderful grain saving device and are so used in the White machine that no extra power is required. Then there is the very special feature of eighteen Hyatt Roller Bearings, eliminating friction, maintaining long life, and doing away with a lot of inconvenience that is common with the babbitted boxing. The Hinged Stacker that swings wide open, allowing free access to the inside of the machine, is an especially convenient feature, much appreciated by our customers.

There are many other interesting and useful features which appear only in the White Machine, and you will read of these in detail on other pages of this catalogue. We ask you to consider these features very carefully before making any decision about your next thresher. We know we have what you want, and we want you to know it. Ask any White user of his experience and you will decide on White.

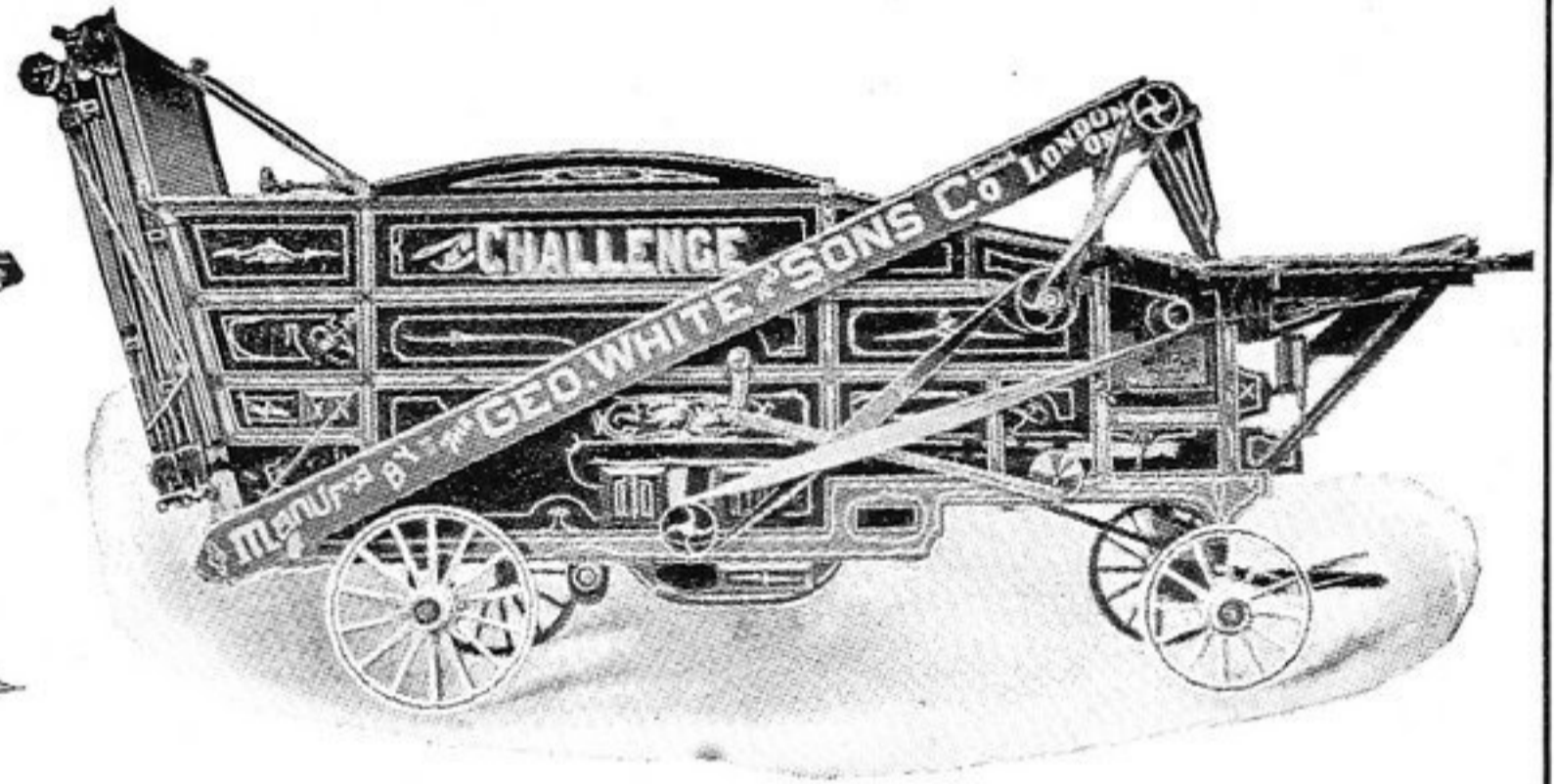
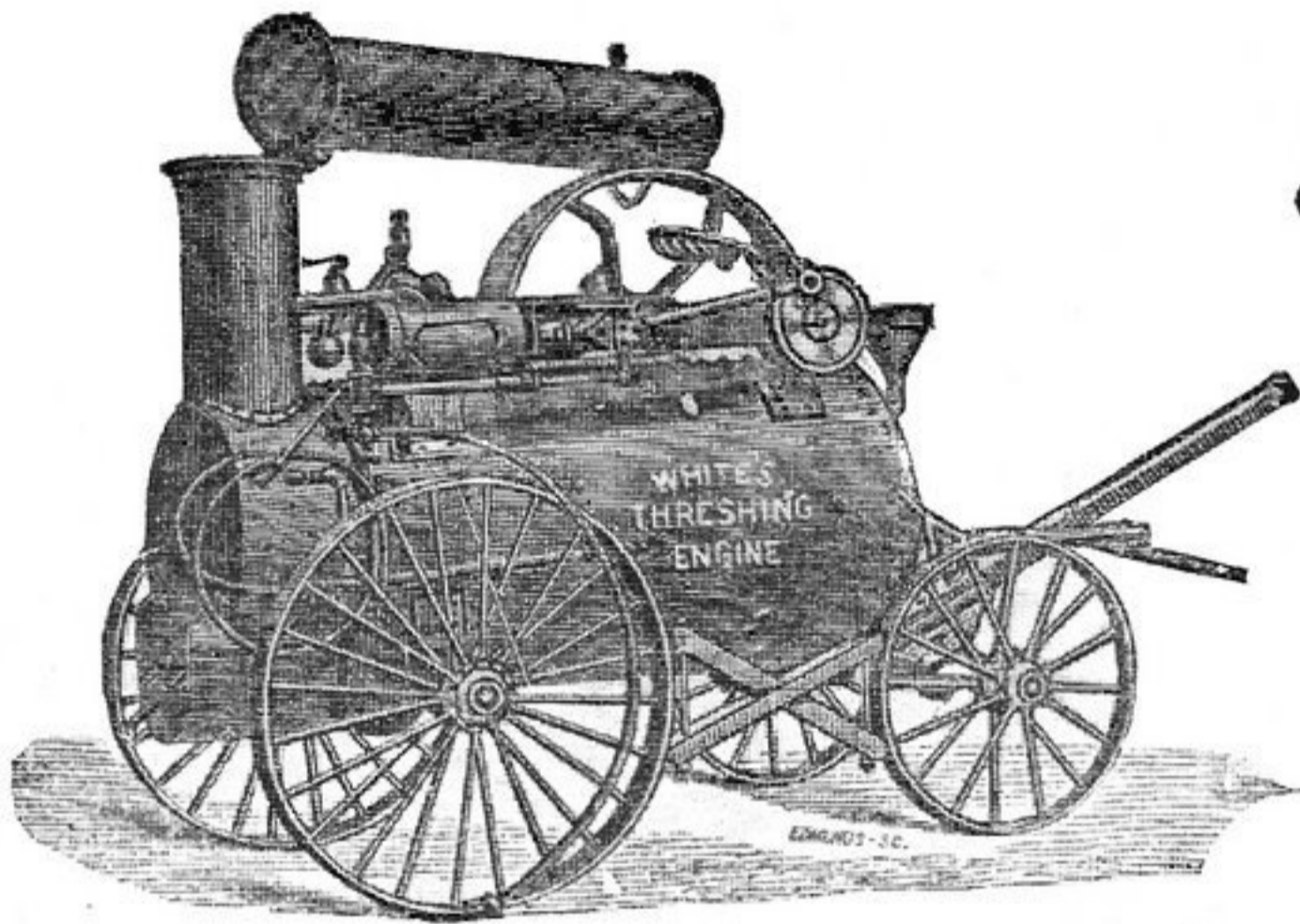
Your enquiries are welcome and will always receive prompt, practical and careful consideration. We assure you of our willingness and ability to take care of your requirements.

WHITE GOODS WIN GOOD WILL

WHITE THRESHING MACHINERY— FIRST QUALITY LINE

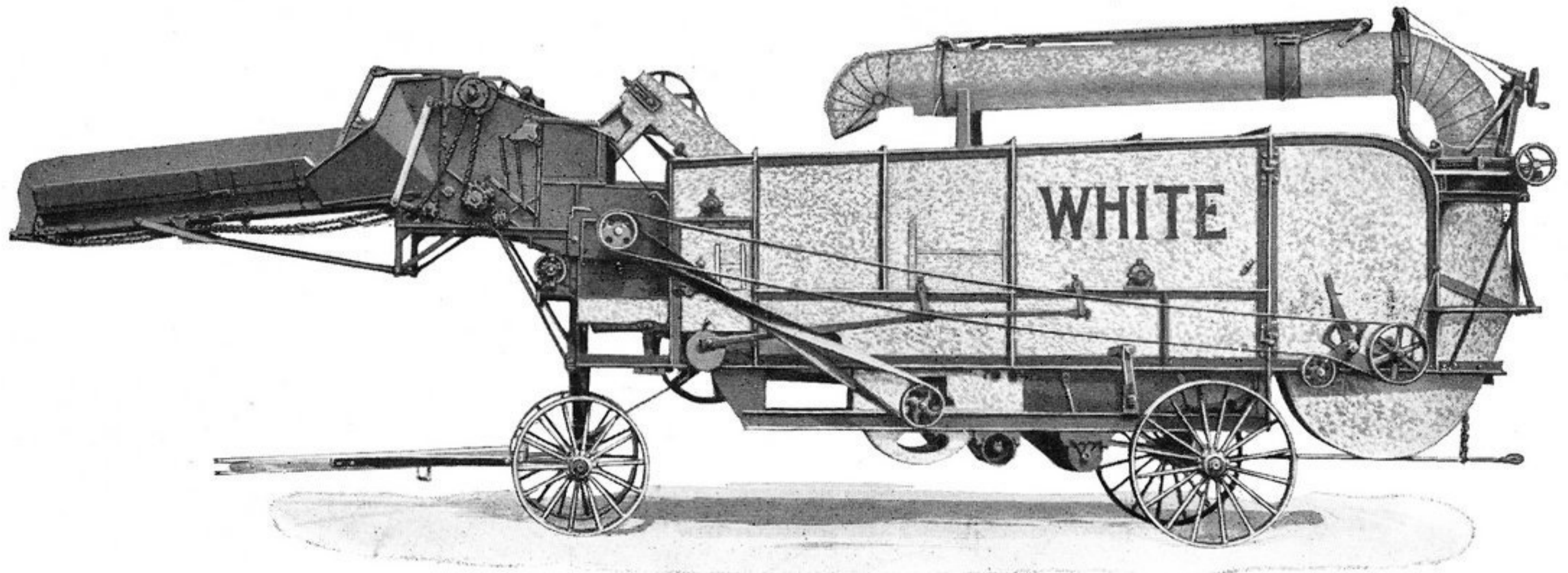
FOUNDED 1857

**OVER 70 YEARS AGO STILL GOING STRONG
OLDER THAN CONFEDERATION**



**White Steam Engine and Thresher
in the Early Days**

AND TO-DAY!



White New Roller Bearing Thresher

**This Machine Has Every Tried and Tested Up-to-date
Feature That Has Been Discovered For
GRAIN SAVING AND CLEANING—FAST THRESHING**

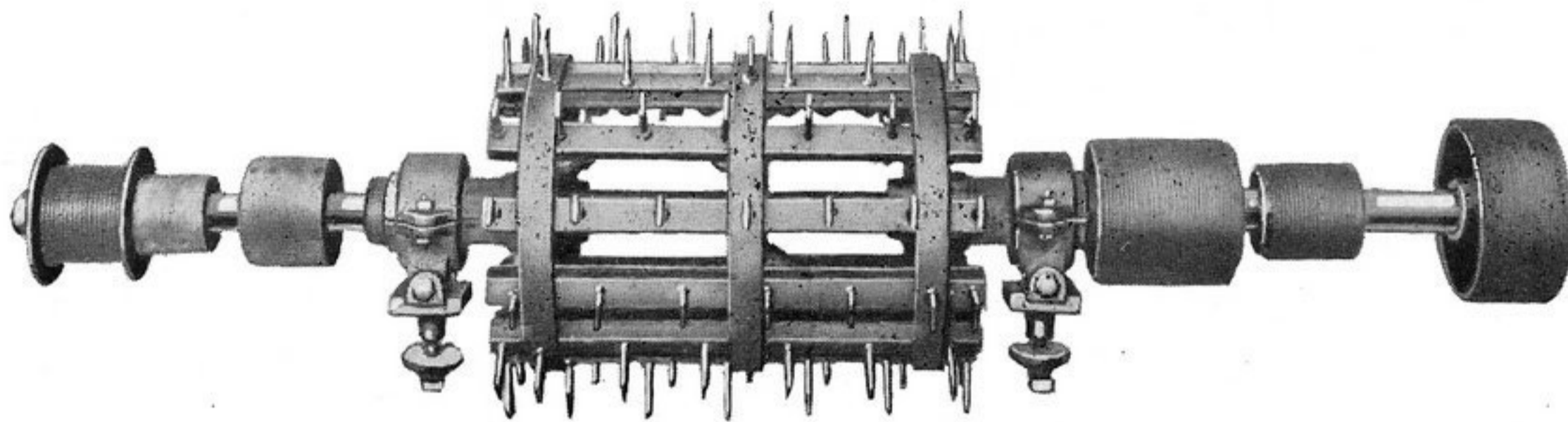
WHITE GOODS WIN GOOD WILL

THE STEEL FRAME

Just a few words about the FRAME: The cuts will show it is well braced. Note the heavy main channel. It is both welded and rivetted, making for 100 per cent. strength and long life. This Frame has been put through the most severe tests during the past four years, and it has come through without a flaw. The electric welding makes the joints just as strong as the material itself.

The Frame is mounted on heavy steel axles and White threshers are equipped with 6-inch, 8-inch or 10-inch wheels, heavy spokes and tires. The front wheels cramp under so Thresher may be completely turned around in its own length.

CYLINDER



Specially Designed Double Bar Cylinder

The Cylinder has twelve double bars of especially heavy material. This combines easy running with clean threshing. Large teeth to fit slotted cylinder bars, all equipped with spring washers. Cylinder and shaft mounted on heavy duty Hyatt Roller Bearings and provision made to take up end play. (NOTE: 16-Bar Cylinder used in 32 x 54 Machine only.)

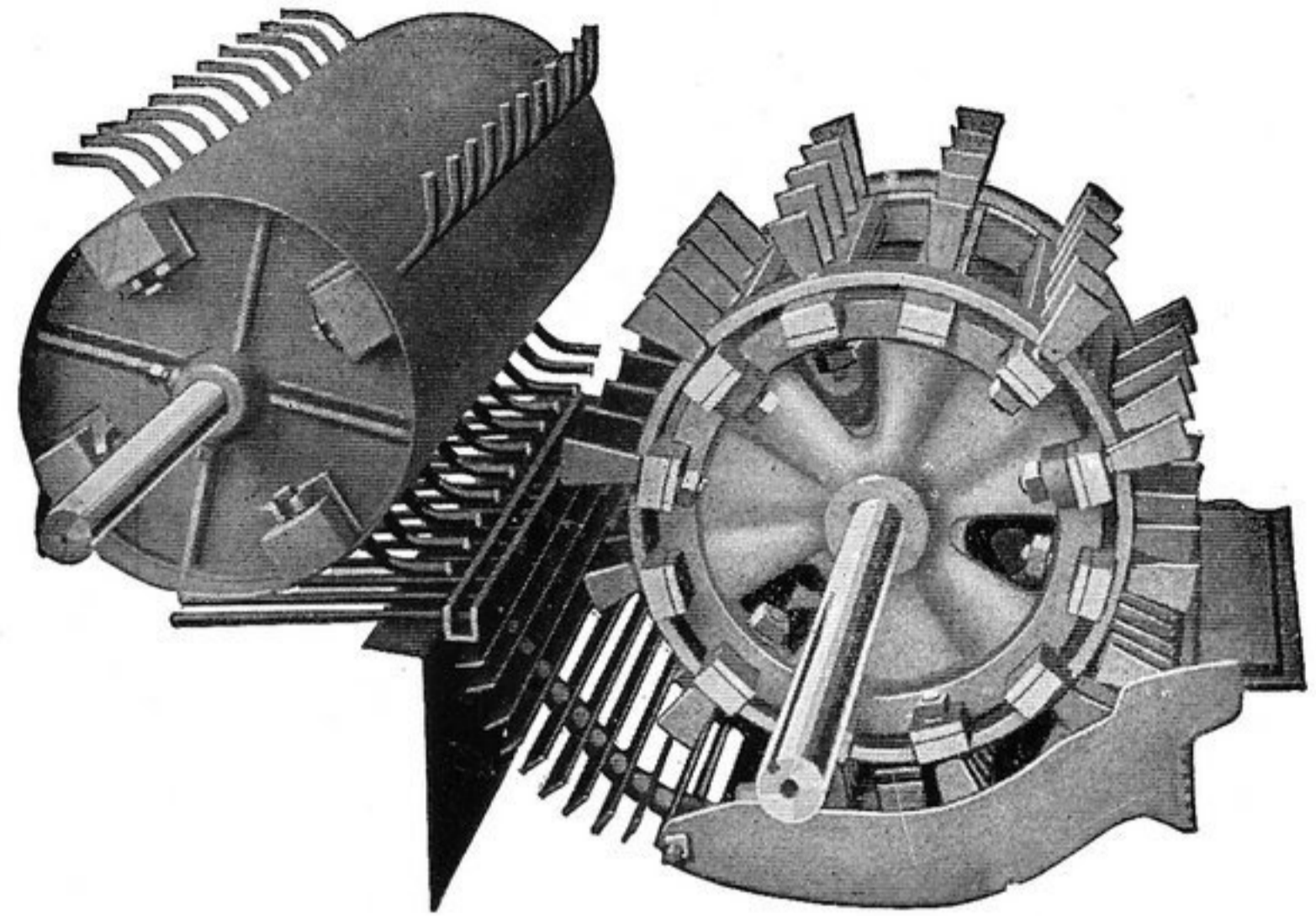
Concaves are heavy special grey iron castings and all equipped with reinforcing bars. There is ample adjustment provided on concaves so that they can be set for threshing under the toughest of conditions.

Heavy 2 5/16-inch high grade steel cylinder shaft used in 28-inch machines and larger sizes; 1 15/16-inch special high grade steel cylinder shaft in smaller machines only.

WHITE GOODS WIN GOOD WILL

WHITE DOUBLE BAR CYLINDER

Note Separation Device at Cylinder, Consisting of Grate and Check Plate. This is Adjustable to Suit Different Conditions.



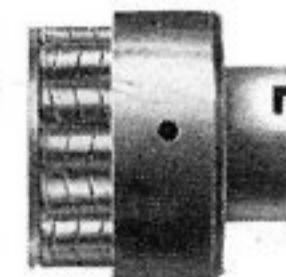
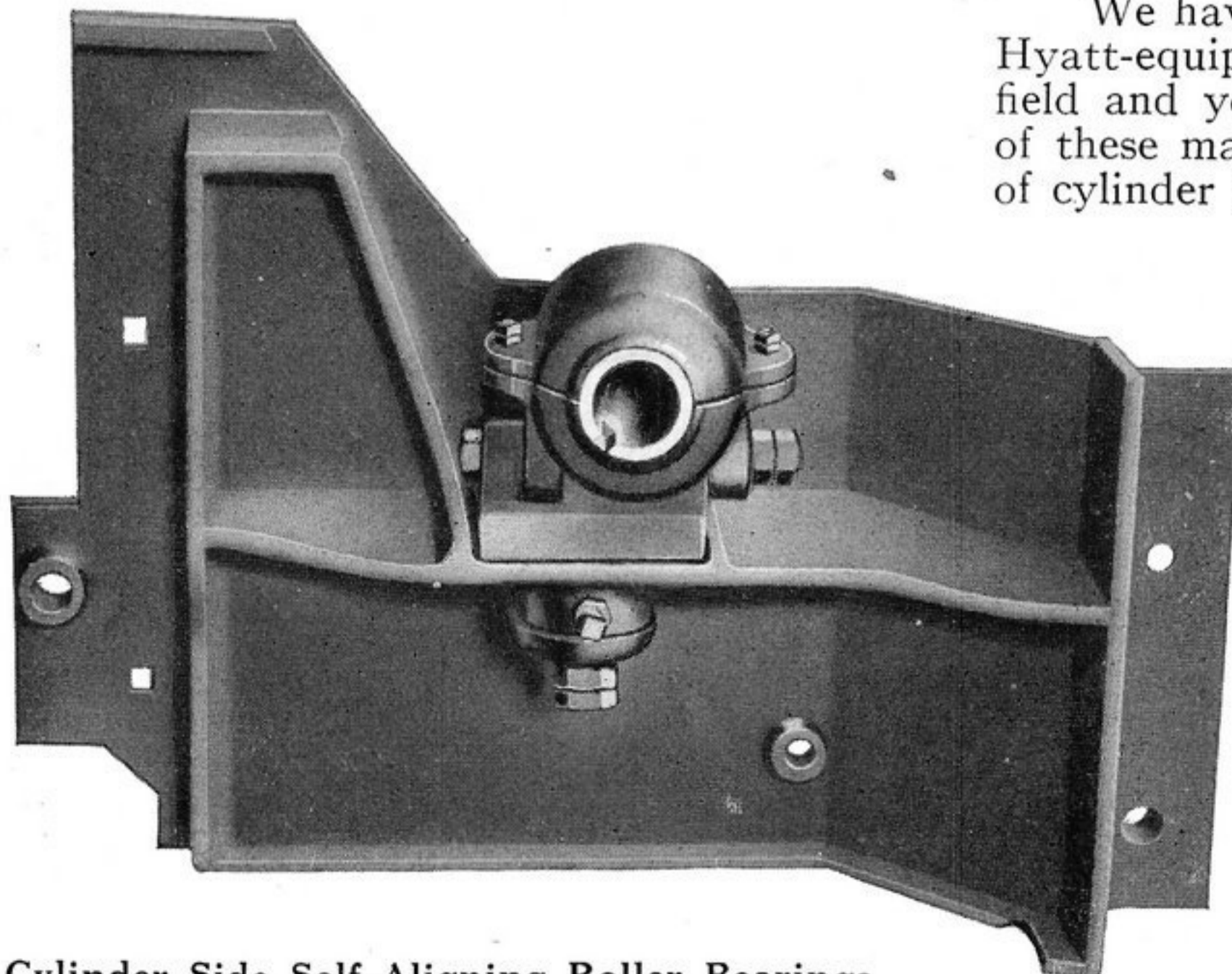
HYATT ROLLER BEARINGS ON CYLINDER SHAFT

For several years, Hyatt Roller Bearings have been regular equipment on the New White Steel Thresher.

Scientific tests show a saving of several H.P. over the plain bearings. This not only means a saving in fuel, but it makes it possible for the small gas tractor to operate a Hyatt-equipped White when it would be utterly impossible for it to operate the same machine, or any other make of machine of similar size, minus these bearings.

The saving in power and a subsequent saving in fuel should alone induce you to buy a machine thus equipped, but there are other desirable features, while of less significance, still they are important. For instance, these bearings are care-free; seldom ever need attention except to replenish oil supply; a hot box is an unknown thing; the life of these bearings is as long as the life of the machine.

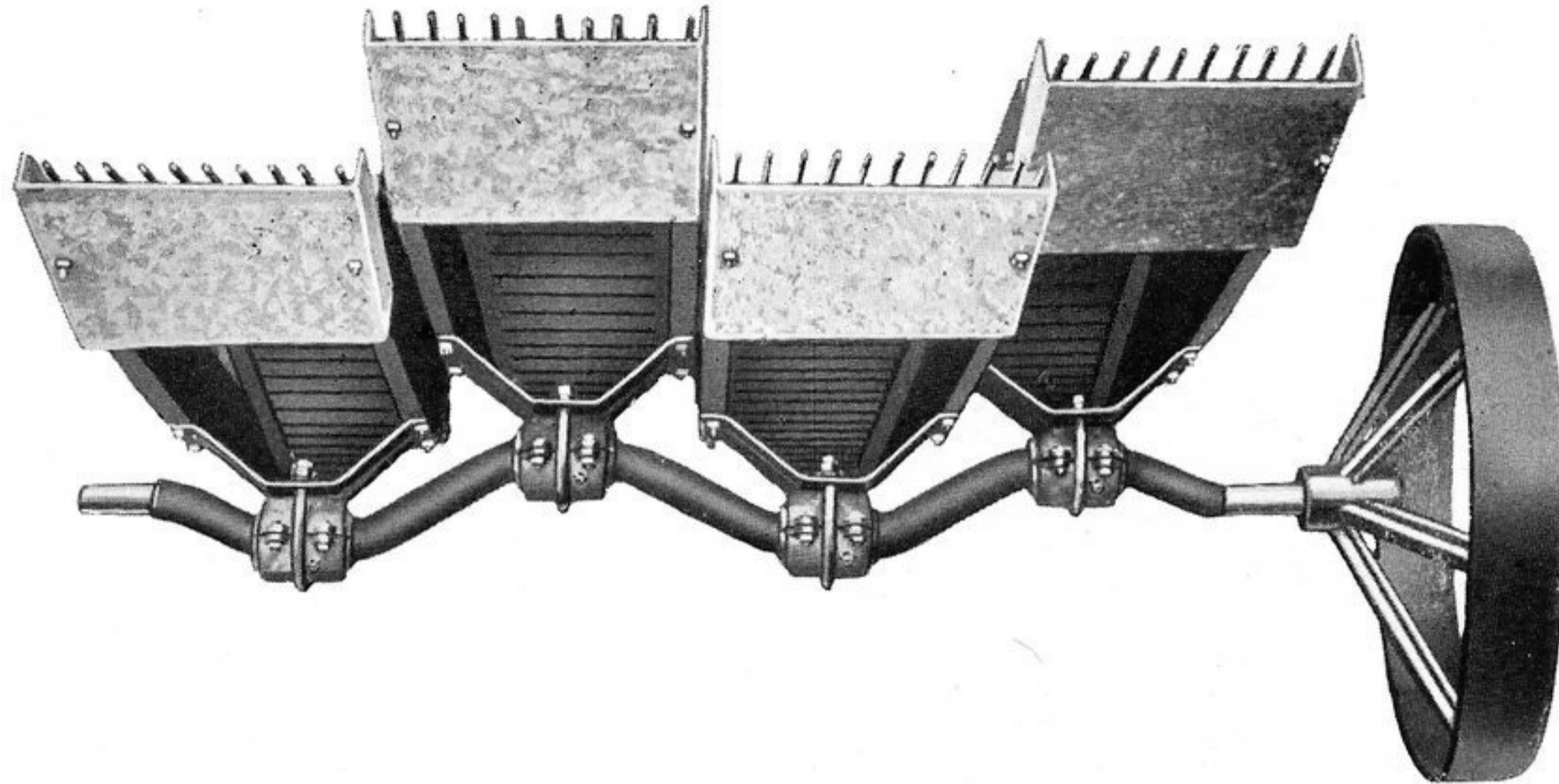
We have placed several hundreds of these Hyatt-equipped New White Machines in the field and you could not persuade the owners of these machines to go back to the old type of cylinder bearings.



Cylinder Side Self-Aligning Roller Bearings

WHITE GOODS WIN GOOD WILL

STRAW RACKS



Perfect Balance

Wonderful Separation

FOUR SECTION ROTARY STRAW RACKS

Complete Roller Bearing Equipment on All Inside Crankshaft
Journals
Alemite Lubrication

No two decks in same position at one time by reason of special crankshaft, so constructed that no crank is ever at right angles to any other.

Note the pans on the end of each rack which deliver to the return pan any last kernel of grain that reaches the end of the racks.

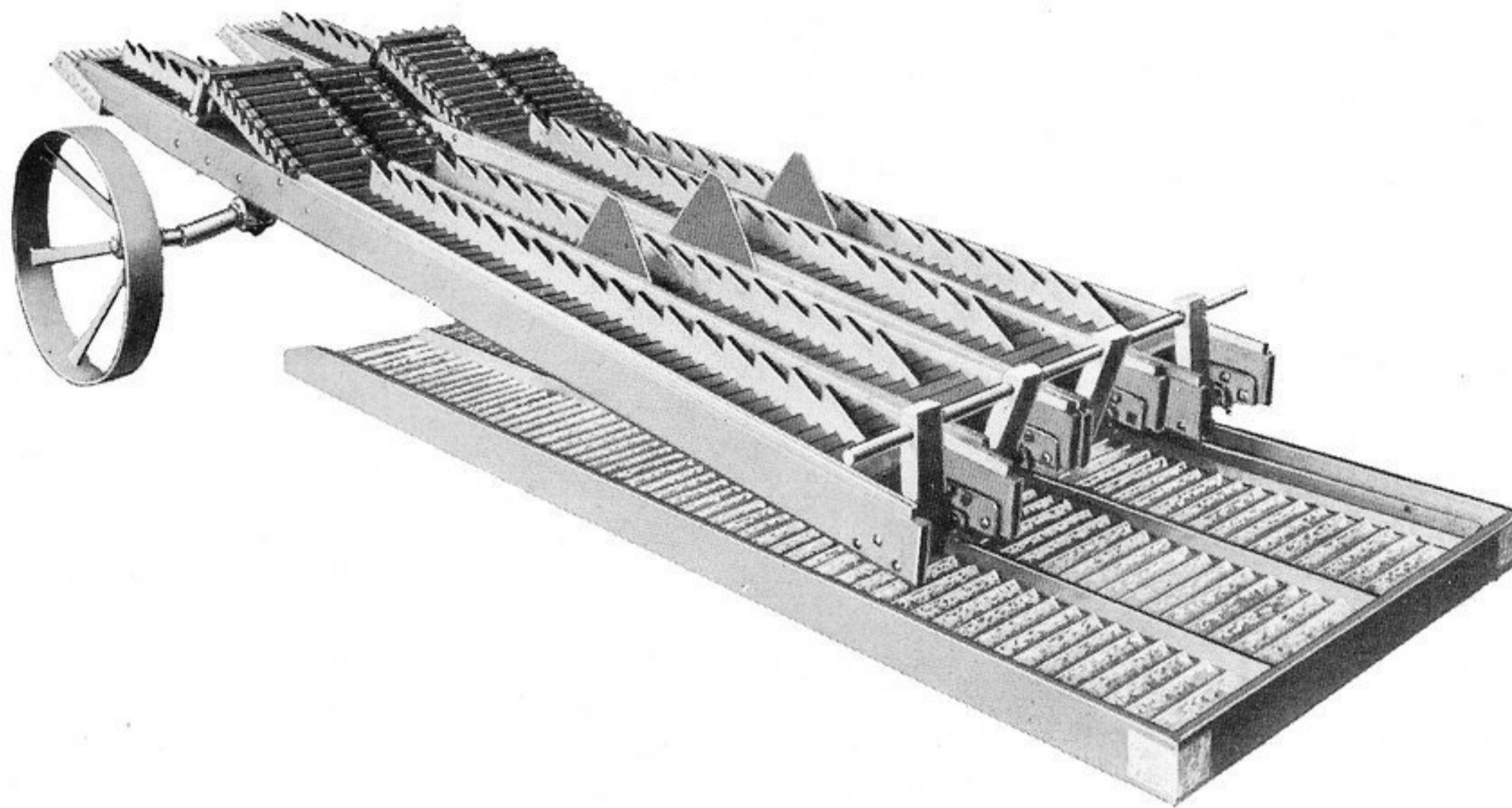
Then the fingers on the end of the pans deliver the straw right into the blower. There is absolutely no clogging.

These decks agitate the straw perfectly and spread it evenly. The different sections breaking it up and the rotary motion from the crankshaft and the oscillating motion from the front hangers, make for the best known separation.

Grain pan extends from front of machine under concaves clean through to wind stacker. The sides or sills are made of hard wood and the bottom of heavy corrugated galvanized iron, reinforced to make it perfectly rigid. Return pan is also of galvanized iron. This means that these decks will last the lifetime of the machine.

WHITE GOODS WIN GOOD WILL

ANOTHER VIEW OF ROTARY STRAW RACKS



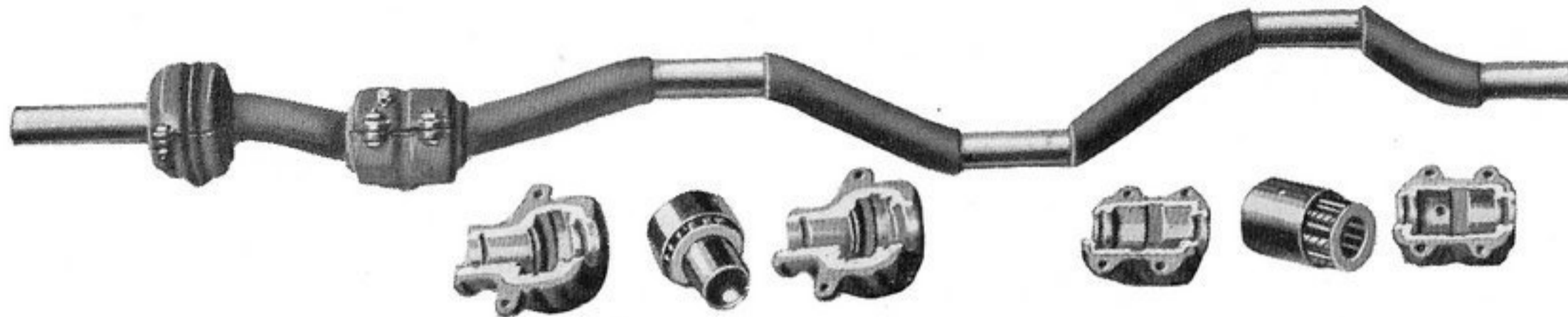
Note the Kickers (Figure 1) Working Between the Racks

The design of the straw racks appeals to threshermen at sight. Steady running of the machine results from one rack being balanced against the other, which means that vibration is eliminated and the machine is much more lasting than other types of threshing machines. The racks are constructed in four sections as shown in the illustration and these sections are operated by a four-way forged steel crankshaft at one end of the racks and the other ends of these racks are supported by hardwood hinges, so that the racks swing freely and there is nothing to wear or get out of order. The straw cannot ride over these racks in a solid mass, but is broken up by the racks and also the kickers shown in the illustration, which work up and down between the racks. Risers are provided to hold straw up from the racks and allow separation of grain from the straw that has been loosened and torn apart by the action of the kickers.

These racks are made to stand hard usage and most important of all **there is a roller bearing on every journal of this crankshaft** that drives them, doing away with the wooden boxings used in all other machines. **This is an exclusive feature.**

WHITE GOODS WIN GOOD WILL

THE FULL ROLLER-BEARING CRANKSHAFT



PATENTED

Six Roller Bearings on This Straw Rack Crankshaft

Driving the straw racks is one of the most important jobs on any thresher. A crankshaft is used in the White Steel machine for purposes of perfect balance and best action on the racks for separation. The lubrication of the journals of the straw rack crankshaft has been a problem, difficulty being experienced with the wooden boxings used on all machines except the White. The **White** has solved this problem by equipping all journals on this crankshaft with patented roller bearings. The exclusive feature of the roller bearings on the four inside cranks makes lubrication automatic; does away with any fear of breakage; reduces friction and makes for a lighter running machine.

The straw rack crankshaft in the White Steel thresher is of forged steel. No more broken crankshafts with all the expense and delay this means, if you run a White Steel Thresher.

Alemite connections on these roller bearings make lubrication an easy matter, and they only require attention once a week at the most and are quickly and easily lubricated with grease gun provided.

Eighteen Hyatt Roller Bearings on White Steel Thresher

CYLINDER.....	2
BEATER.....	2
STRAW RACK.....	6
GRAIN PAN.....	2
FAN.....	2
STACKER.....	2
WHITE FEEDER.....	2
	—
	18

The Light Running—
Easily Lubricated—
Long Lived—
Labor-Saving—
Economical—

THRESHER.

WHITE GOODS WIN GOOD WILL

CLEANING SHOE THAT INSURES CLEAN GRAIN

To insure clean grain is one of the most important features to consider in any thresher. This is amply taken care of in the White machine by putting an adjustable chaffer in the cleaning shoe which relieves the sieve of coarse chaff and straw, making a clean job doubly sure.

This Adjustable Chaffer with the White system of wind control means a cleaning system that guarantees grain without waste and the kind that gets no dockage at the elevator.

Both the amount of wind and the direction of wind from the large four wing fan can be adjusted from the outside of the machine. Shutters may be closed or open to suit the amount of chaff and dust. The direction is regulated by a deflector by means of which the wind can be concentrated on the front or rear of the sieves or else can be spread over their entire length according to the condition of the grain.

Of course, the convenient and up-to-date adjustable sieve is used in all White Threshers, doing away with the necessity of changing sieves for different kinds of grain which occurs when an ordinary screen sieve is used.

SUMMARY OF SPECIAL FEATURES ON WHITE THRESHERS

ONLY "WHITE" HAS ALL THESE

EIGHTEEN ROLLER BEARINGS (INCLUDING TWO ON WHITE FEEDER)

ALEMITE LUBRICATION.

STEEL FRAME CONSTRUCTION.

HIGH GRADE GALVANIZED SIDING.

ADJUSTABLE GRATES BEHIND CYLINDER.

ROPE LAGGED PULLEYS.

ADJUSTABLE BELT TIGHTENERS.

ADJUSTABLE CHAFFER AND SIEVE.

ROLLER BELT GUIDE.

HEAVY WHEELS AND TRUCKS.

HART NEW MODEL FEEDERS.

WHITE ROLLER BEARING FEEDERS.

FORGED STEEL CRANKSHAFT—SIX ROLLER BEARINGS.

ROTARY STRAW RACKS.

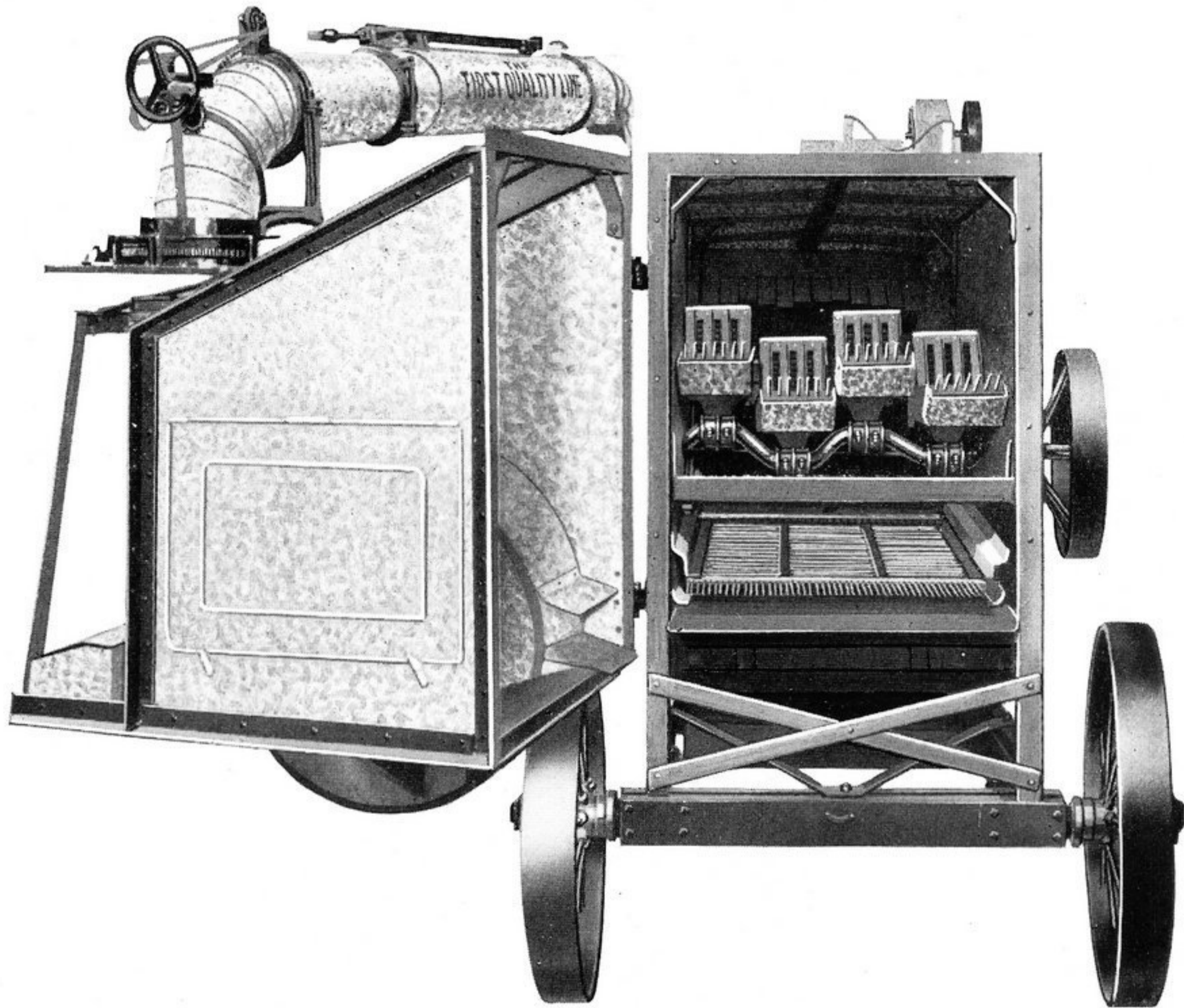
ENDLESS DECK BELT.

HINGED STACKER—AND MANY OTHER CONVENIENCES.

Every Up-to-Date Feature Known Has Been Built Into The WHITE.

Why Not Get Them With YOUR Next Thresher?

WHITE GOODS WIN GOOD WILL



Rear View Showing Stacker Open

Free access to inside of machine. All working parts easy to get at. Roller bearings on stacker fan shaft.

Large eye and steep slope to fan so that straw delivers perfectly into Four Wing Fan.

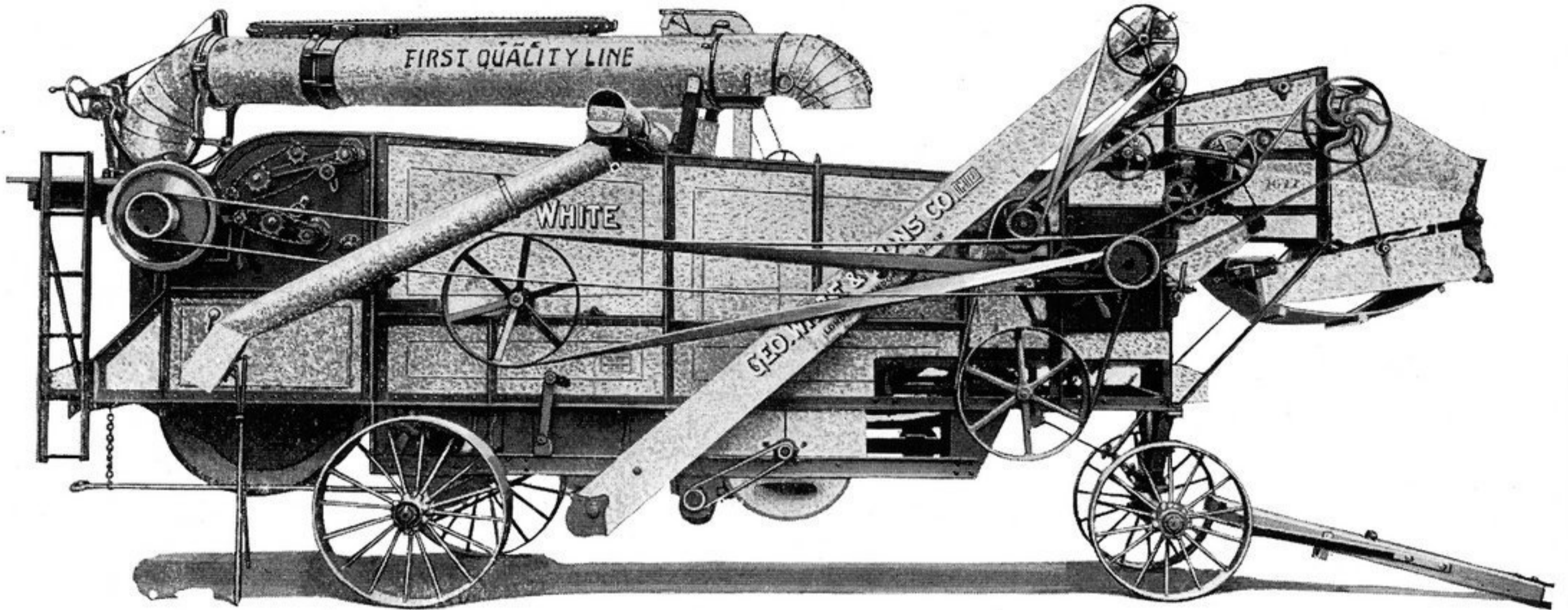
Stacker pipe telescopes so that it will extend almost twice its folded length.

Adjustable Hood to enable operator to place straw in any direction. Telescoping elbow used so that stacker pipe will stand straight up at right angles.

The entire Wind Stacker is hung on heavy hinges and may be swung wide open as shown in illustration.

WHITE GOODS WIN GOOD WILL

WHITE STEEL CUTTING BOX THRESHER FULLY EQUIPPED



White Cutting Boxes can be supplied in sizes 24 x 46, 28 x 50, 32 x 50 and 36 x 50.

The Cutter-head is mounted on two high duty Hyatt Roller-Bearings, insuring light running and ease of operation.

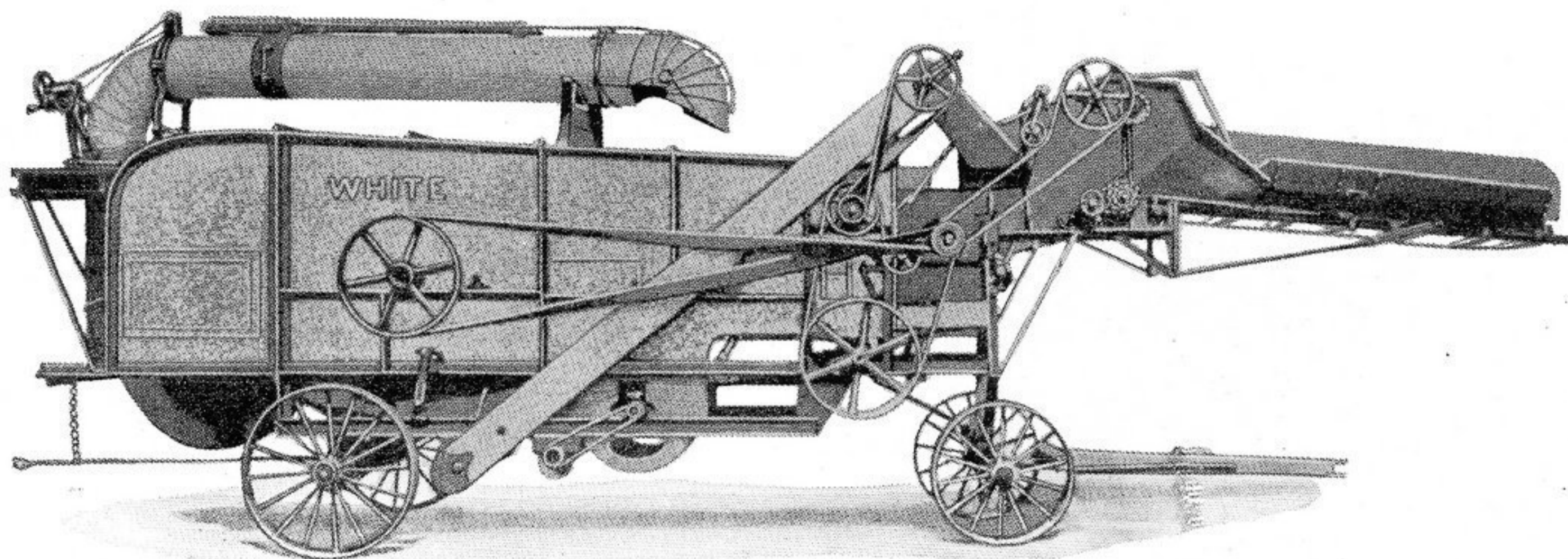
Positive delivery of straw to cutting knives by means of a series of Beaters and Rollers.

When straw not required to be cut, lower set of Rollers drop sufficient distance to enable long straw to pass through to Hopper of Stacker. In this way it is not necessary for the ledger plate to be removed and when threshing and not cutting, the knives are idle.

On the White Cutting Box a special attachment is supplied for raising and lowering Rollers while machine is in operation requiring one man only to operate it. Thus, the change from cutting straw to threshing long straw, or vice versa, can be made without stopping the work of the machine.

WHITE GOODS WIN GOOD WILL

THE WHITE STEEL GRAIN THRESHER



Showing Straw Rack and Grain Deck Drive

WHY YOU SHOULD DECIDE ON WHITE

16 ROLLER BEARINGS—LIGHT RUNNING—LONG LIVED.

ALEMITE POSITIVE LUBRICATION—EASY—TIME SAVING—SURE.

FOUR-SECTION ROTARY STRAW RACKS—WONDERFUL SEPARATION—PERFECT BALANCE—NO VIBRATION.

GRAIN DECK AND RETURN PAN OF GALVANIZED IRON—RIGID AND STRONG.

ADJUSTABLE STEEL CHAFFER AND SIEVE—MAKES CLEANING EASY.

FORGED STEEL CRANKSHAFT DRIVING STRAW RACKS—NO BREAKAGES.

ROLLER BEARINGS ON INSIDE CRANK JOURNALS—EXCLUSIVE FEATURE.

NO WOOD BOXINGS ON STRAW DECK CRANKSHAFT.

ALL STEEL FRAME—ELECTRIC WELDED AND RIVETTED—SIDING AND TOP GALVANIZED IRON—WATERPROOF.

LARGE ROOMY BODIES—NOTE PARTICULARLY BODY SIZES—LOTS OF SEPARATING SURFACE.

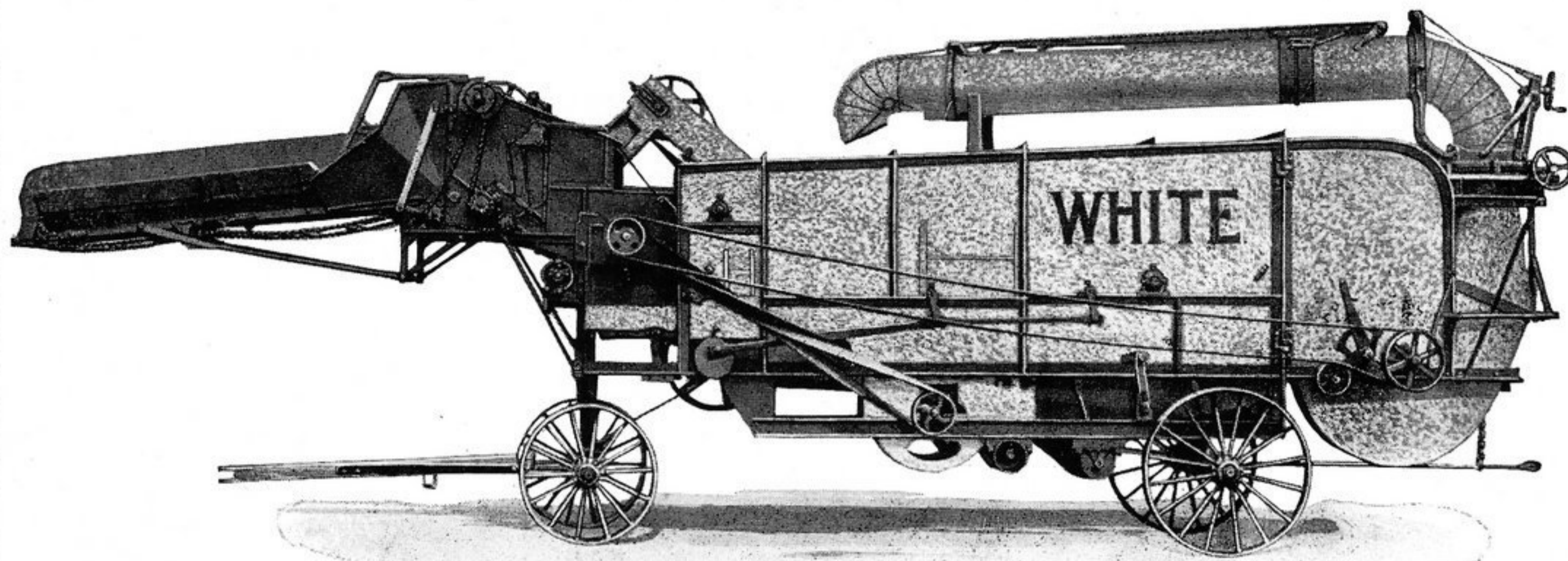
STACKER MOUNTED ON HEAVY HINGES—SWINGS WIDE OPEN.

STEEL AXLES AND TRUCKS—WHOLE MACHINE MODERATE WEIGHT BUT BUILT TO LAST.

THE SIMPLEST OF THRESHERS—ONLY FOUR MAIN DRIVE BELTS.

WHITE GOODS WIN GOOD WILL

THE WHITE STEEL GRAIN THRESHER

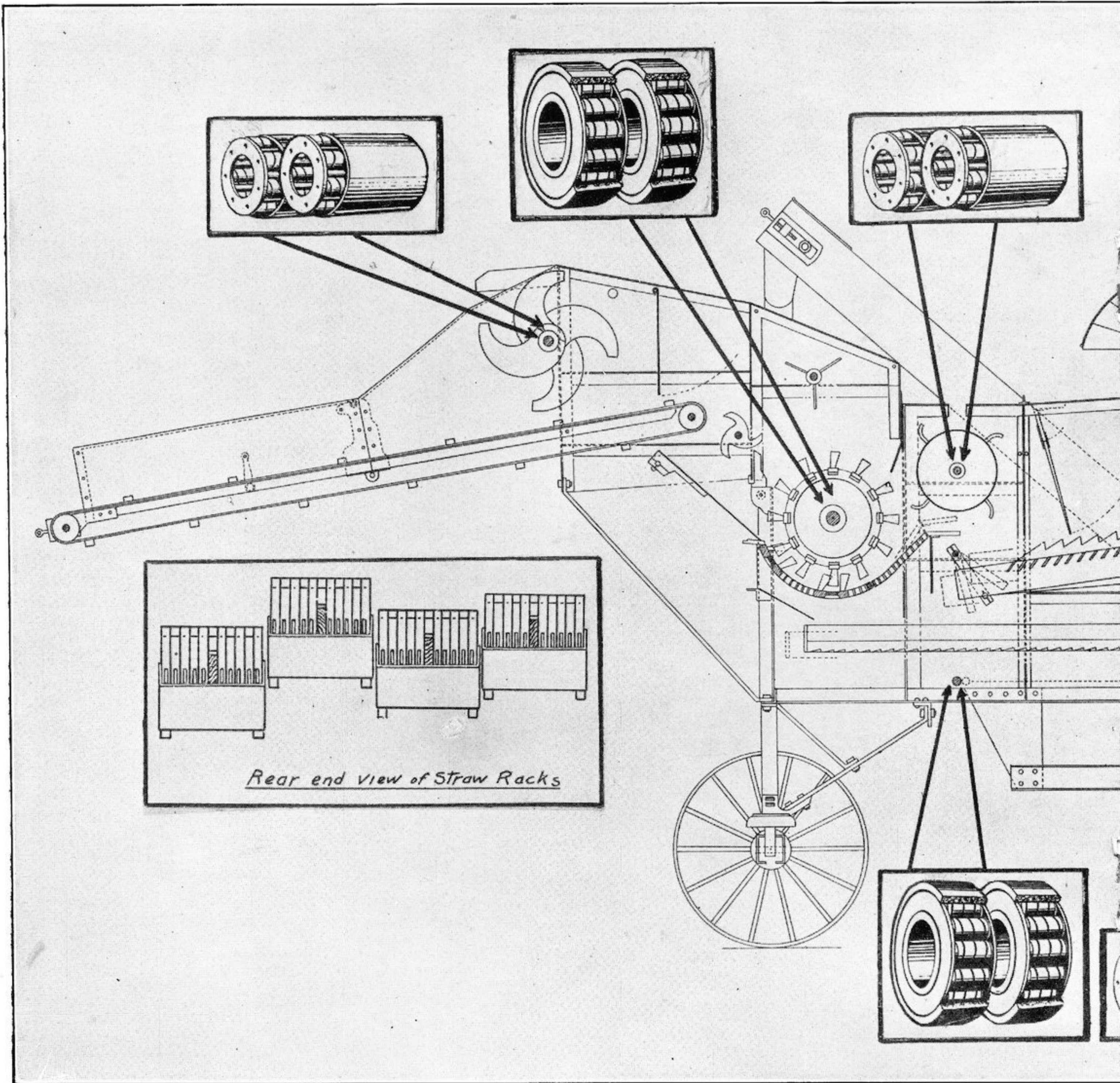


SIZES:—22 x 40, 24 x 46, 28 x 50, 32 x 50, 32 x 54, 36 x 50, 36 x 54.

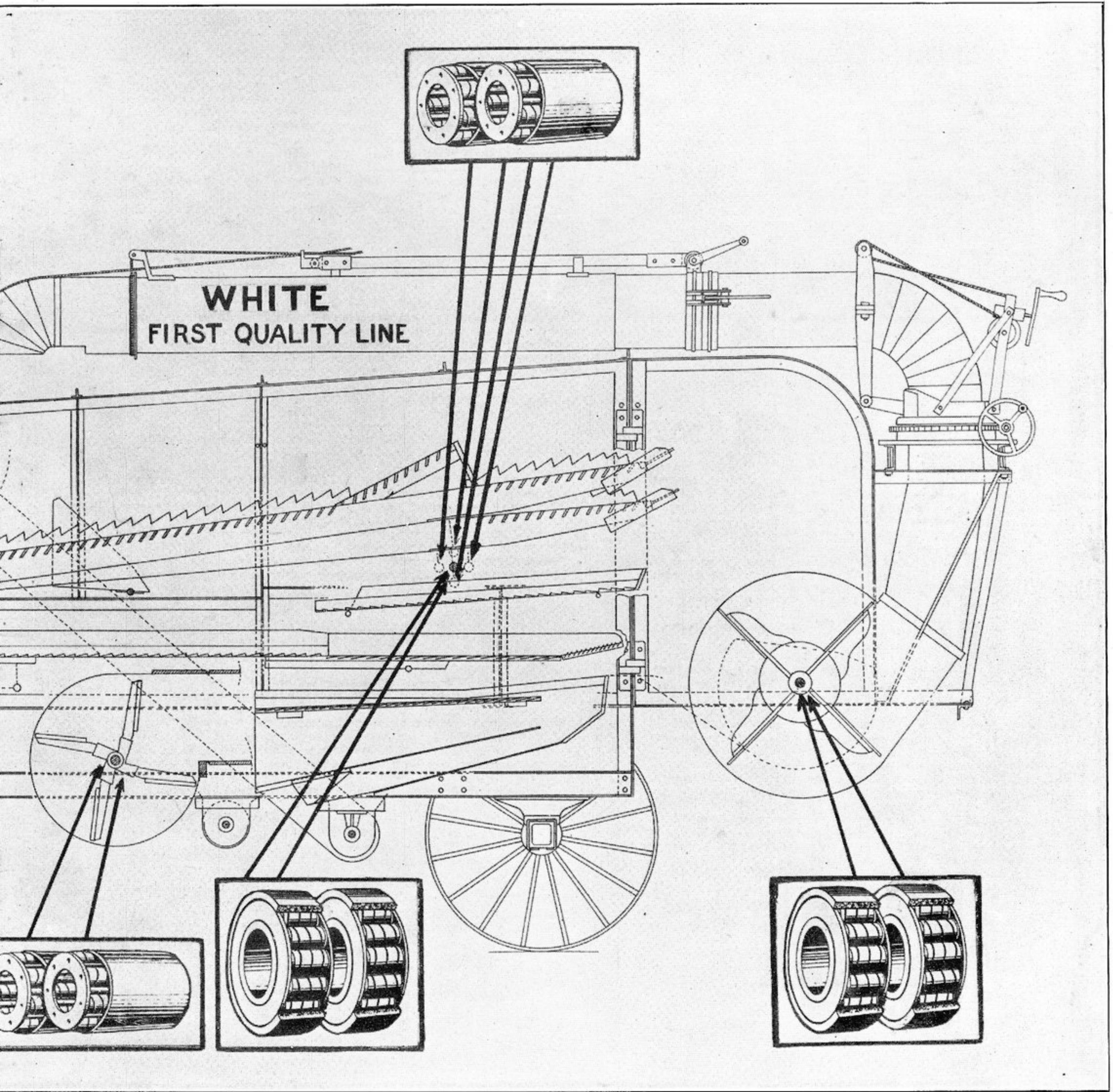
SPECIFICATIONS OF STEEL THRESHERS

	22 x 40	24 x 46	28 x 50
Width of Cylinder.....	22"	24"	28"
Width of Separator.....	40"	46"	50"
No. of Bars in Cylinder.....	12	12	12
No. of Teeth in Cylinder.....	66	72	84
Diameter of Cylinder, including Teeth.....	22"	22"	22"
Speed of Cylinder, R. P. M.....	1000 to 1100	1000 to 1100	1000 to 1100
Diameter of Cylinder Shaft.....	1 ⁵ / ₁₆ "	1 ⁵ / ₁₆ "	2 ⁵ / ₁₆ "
Length of Grate Surface.....	19"	19"	19"
Length of Straw Racks.....	11' 3 ¹ / ₂ "	11' 3 ¹ / ₂ "	11' 3 ¹ / ₂ "
Length of Grain Pan Chaffer.....	36"	36"	36"
Length of Chaffer Extension.....	16"	16"	16"
Straw Rack Surface, Square Feet.....	37 ¹ / ₂	43	47
Chaffer Surface, Square Feet (Adjustable)	13 ¹ / ₂	15 ¹ / ₂	17
Sieve Surface, Square Feet (Adjustable)....	11 ¹ / ₃	12 ¹ / ₂	14 ¹ / ₃
Length with Self-Feeder and Stacker.....	25' 2"	25' 2"	25' 2"
Height of Machine.....	97"	97"	97"
Height of Wheels { Front.....	32"	32"	32"
{ Rear.....	38"	38"	38"
Width of Wheels.....	4" to 8"	4" to 8"	4" to 8"
Diameter of Stacker Pipe.....	12"	12"	15"
Length of Stacker Pipe Extended.....	12' 6" less hood	12' 6" less hood	17' 0" less hood

WHITE GOODS WIN GOOD WILL



THE INSIDE STORY OF THE IN
18 HYATT ROLLER BEARING



NEW WHITE STEEL THRESHER
ROLLERS MAKE IT RUN LIGHT

PATENTED

BE GUIDED BY THE PRACTICAL EXPERIENCE OF OTHERS

READ WHAT THESE SATISFIED USERS SAY

Maryfield, Sask., Nov. 16, 1927

George White & Sons Co. Ltd., Brandon, Man.

Dear Sirs:—I am all finished up threshing for this year, and had a good run. I did four custom jobs and they were all well pleased with the job I did, and one customer especially, as one car of his barley had no dockage whatsoever and the other car only one per cent.

The separator is a good thresher and is a good grain saver, and I never had a minute's hold-up over the roller bearings heating up. I like the wide body and the rotary straw decks have good agitation and are a good rig for shaking the grain out of the straw. I had lots of power to run my separator with my 16-30 Allwork Tractor, and had a very good run of threshing this year.

(Sgd.) ERNEST SCOTT.

George White & Sons:

Dear Sirs:—Regarding the new steel machine that we bought off you this year, it is very easy to drive, easy on fuel and cleans the grain good, and saves it all. The roller bearing gives me no trouble at all. The clover attachment is perfect, saves all of the seed. Then the windstacker is in a class by itself. I get jobs of threshing on account of having the White blower. If anyone is thinking of buying a new machine, I would say get a White Steel Machine.

(Sgd.) MAURICE LOGAN,
R.R. 9, Dunnville, Ontario.

Jerseyville, Ont.

George White & Sons,
London, Ont.:

Dear Sirs:—Regarding the new steel grain thresher and John Deere Tractor, the 24-46 thresher that I purchased from you this fall has given me entire satisfaction. It is a light-running machine and during all fall threshing I had not the least trouble of even lacing a belt. All farmers I threshed for were more than satisfied with the clean and fast work it did, and certainly it is a grain saver. The roller bearings equipped with Alemite lubrication are certainly marvelous.

Anybody desiring to get a real dependable separator of large capacity, surely will make no mistake by purchasing a White machine. And the John Deere Tractor is a dandy, has lots of power and very easy to operate. You may use this testimonial if you care to do so.

Yours truly,
(Sgd.) HARRY BROOKS.

R.R. 4, Owen Sound, Ont., November 20th, 1927.

George White & Sons Co.,
London, Ont.:

Gentlemen:—In reply to your request for testimonial on 20x40 Huber Tractor purchased from your agent, Mr. Grainger, last July 20, I will say and can verify the following:

I drove a White No. 4, 28-in x 46-in. separator with cutting-box, and used cutter almost all of the time, on less than 25 gallons of gasoline per day, moving included, and used less than 4 gallons of cylinder oil per week of six days' work.

I threshed sixty-five days, and never lost five minutes on account of tractor in all that time. I could start it in one minute any morning, and it would run all day without any steam from radiator, and give an even strong pull on belt at all times, with no lagging or lack of power, no matter how fast separator was fed.

I can highly recommend this tractor to anybody, to drive any cutting-box machine up to 32-in. x 50-in. with plenty of surplus power.

Yours sincerely,
(Sgd.) MELVILLE BARBOR.

P.S.—It will also pull separator on road, or any place, on high gear, easily.

R.R. 1, Bath, Ont., August 8th, 1927.

Geo. White & Sons Co., Ltd.,
London, Ont.:

Dear Sirs:—We have been threshing a week with our 24x46 steel separator and works first class. We have the leading machine in this vicinity.

Yours truly,
(Sgd.) JONATHAN ALLEN.

Rivers, R.R. No. 1, November 28th, 1927.

George White Co.,
Brandon, Manitoba:

Dear Sirs:—In answering your letter of the 23rd ult., I wish to state that we were well pleased with your 22-in. separator; it is a first-class machine, and does a first-class job. (I like the rotary deck) and the way she took the sheaves was a revelation to me. It took them as fast as we could put them in. The White Separator 22-in. and John Deere Engine make a splendid combination.

Wishing you every success in the future, I am,
Yours truly,
(Sgd.) JOSEPH N. AIREY,
Rivers, R. R. 1, Manitoba.

Myrtle, Man., November 28, 1927.

George White & Sons Co., Ltd.:

Dear Sirs:—I have neglected answering your letter. We have been quite busy cutting feed at our neighbors and at home. Have finished here tonight, so now I want to tell you about our outfit.

As for the Super-Huber Tractor, we never saw as good a tractor for steady running and such good steady power on the belt, also on the plow. Seems to do its work with such ease and no trouble. We hired a gang of six men to keep our 28x50-in. going. They were not able to keep us going until we put on two pitchers and six wagons. It is a pleasure threshing with all Alemite bearings compared with the old boxings. The work done by the separator was good. Well threshed and well cleaned. In good grain she would give a good deal better showing than in this year's crop, all tough and of poor sample.

Hoping this will let you know the result of our new outfit and also Mr. Barron, your salesman. Yours truly,
(Sgd.) A. G. ALLISON, Myrtle.

Welwyn, Sask., December 19, 1927.

Dear Sirs:—Regarding 22-40 Separator purchased from you last fall, I might say I am well pleased with it in all respects, particularly in its separation capacity, and having considerable experience with other makes of Separators, I find this one to be a real grain saver. Regarding roller bearings, they gave absolutely no bother, and in my opinion, increase the power of the engine two or three horse-power.

You may use this for publication. Yours respectfully,
(Sgd.) L. CAMPBELL.

Margaret, Man., October 6th, 1927.

George White & Sons Co., Ltd.,
Brandon, Man.:

Dear Sirs:—I am writing you a letter to tell you that I am well satisfied with the new Steel Separator I bought from you this fall. I like it fine and have no complaints and it is everything you claimed it to be and does a good job threshing. The roller bearings are the real thing and never gave me one minute's trouble, and the machine is a very light-running separator.

I can honestly recommend your Separator as a real good all-round thresher and grain-saver to anyone thinking of buying a new machine.

(Sgd.) FITZPATRICK BROS.,
Per J. Fitzpatrick.

24-46 Steel White.

Antler, Sask., December 16th, 1927.

George White & Sons, Ltd.,
Brandon, Man.:

Gentlemen:—By way of testimonial for the excellent services received by me from the 18 x 36 Super Four Huber Tractor which I purchased from you last fall, I take great pleasure in stating that this engine furnished a very liberal supply of power to operate my 32 x 54 Goodison Grain Separator all threshing season, after which I had it hitched to a four-furrow John Deere Gang Plow, where it also excelled both as a power plant, and in convenience in operation.

Wishing you every success throughout the coming season I remain,
Yours truly,

(Sgd.) GEO. GERVA'S,
Antler, Sask.

Goodlands, Man., October 8th, 1927

Geo. White & Sons,
Brandon, Man.:

Dear Sirs:—Now that I have finished threshing with the 24x46 Separator and 15x30 Allwork Tractor that I purchased from you, I feel that I cannot let the season pass without writing a few lines of praise about the outfit.

The Separator is so constructed that it runs smooth and easy with very little strain on the belts, as I completed nineteen days without tightening a belt.

Then again the roller bearings run so cool and need oil so seldom that one man has a snap looking after both ends.

Trusting you have every success, I am,
Yours truly,
(Sgd.) CHAS. HOWDEN.

Swan Lake, Man., November 9th, 1927.

Messrs. George White & Sons, Ltd.,
Brandon, Man.:

Dear Sirs:—I have operated one of your 24-in. Separators this fall with entire satisfaction. I may add that it is the cleanest, handiest and most efficient separator that I have ever used or that I have seen in operation. The roller bearings are certainly what I think the greatest thing to have on such a heavy-duty machine as a thresher.

Sincerely yours,
(Sgd.) A. LECOG.

WHITE GOODS WIN GOOD WILL

WHITE FEEDERS

WHITE New Model Steel Feeder.

Sturdily built of steel and galvanized iron construction.

Simplicity is outstanding, and yet the WHITE has every feature necessary to efficient feeding; fast feeding and positive feeding.

Knife shaft mounted on Hyatt Roller Bearings.

There is no crankshaft in the White Feeder around which straw can wind. No wooden boxings to wear.

Absolutely does not slug the cylinder or affect the speed of the separator.

Absolute governing system feeding the straw to the cylinder evenly, steadily and cleanly.

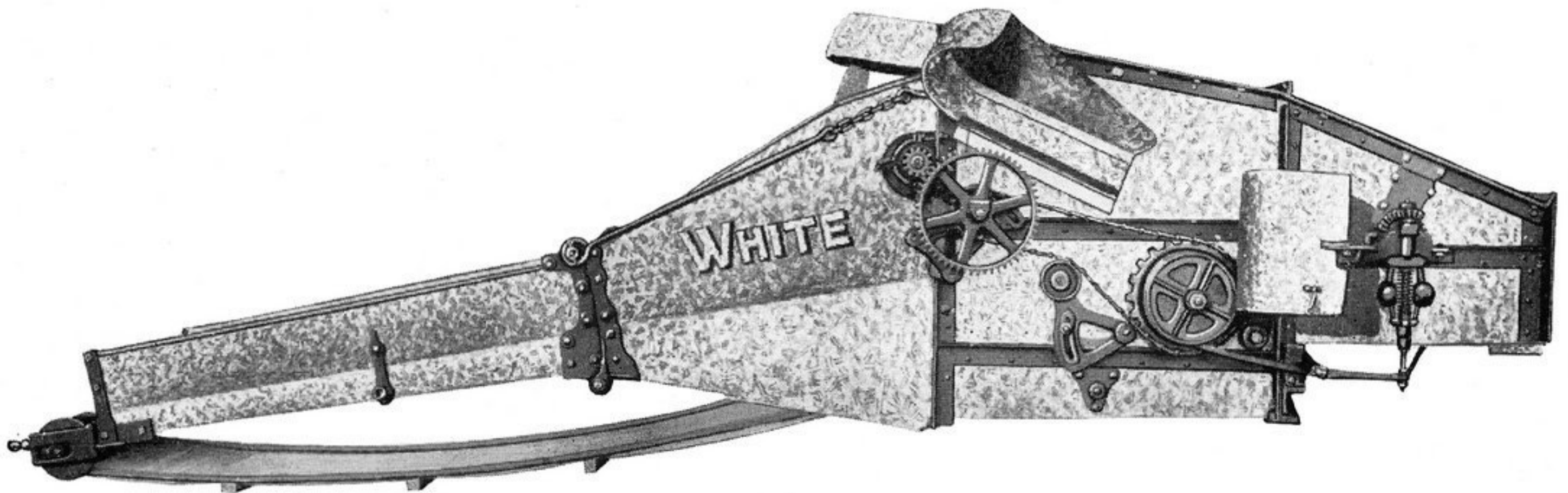
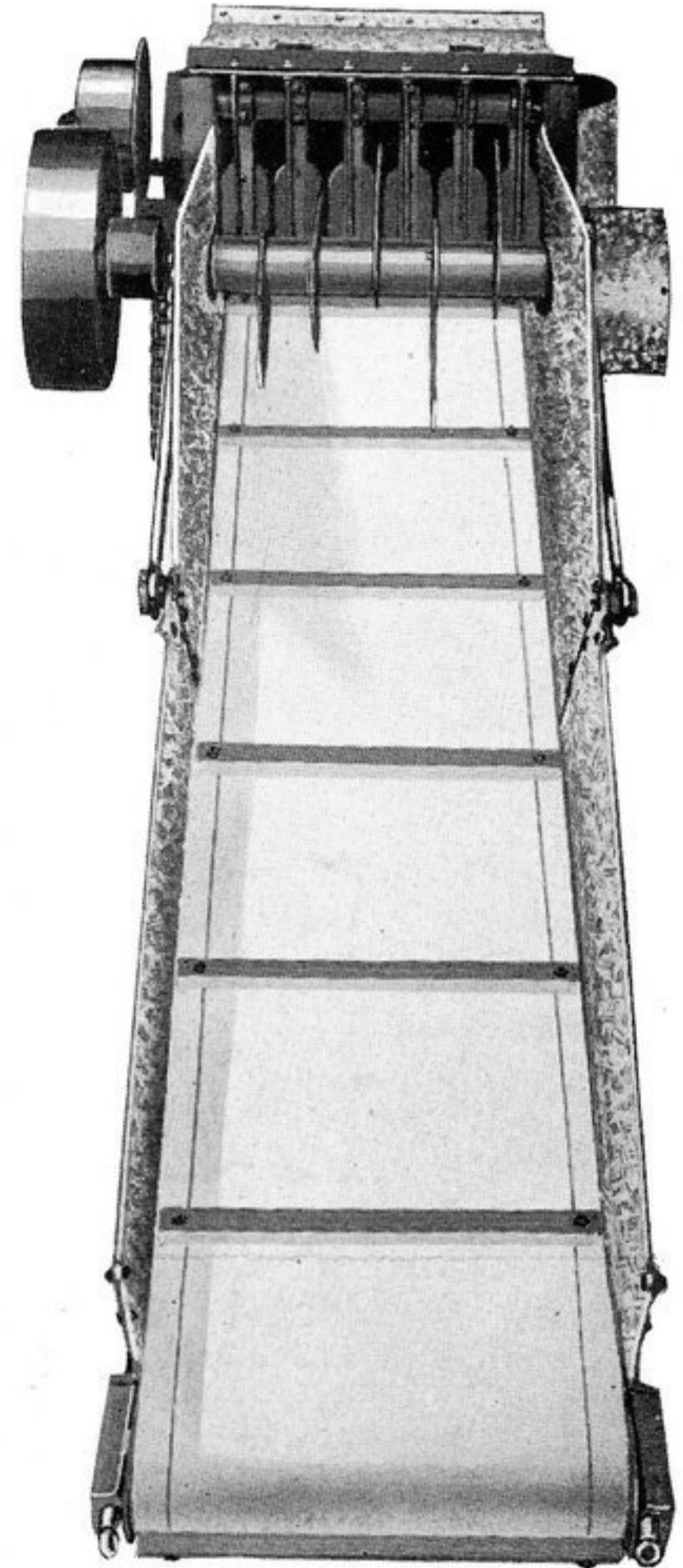
A clean feeder—does not litter.

Wide throat—deep sides and experienced pitchers no longer necessary with the WHITE.

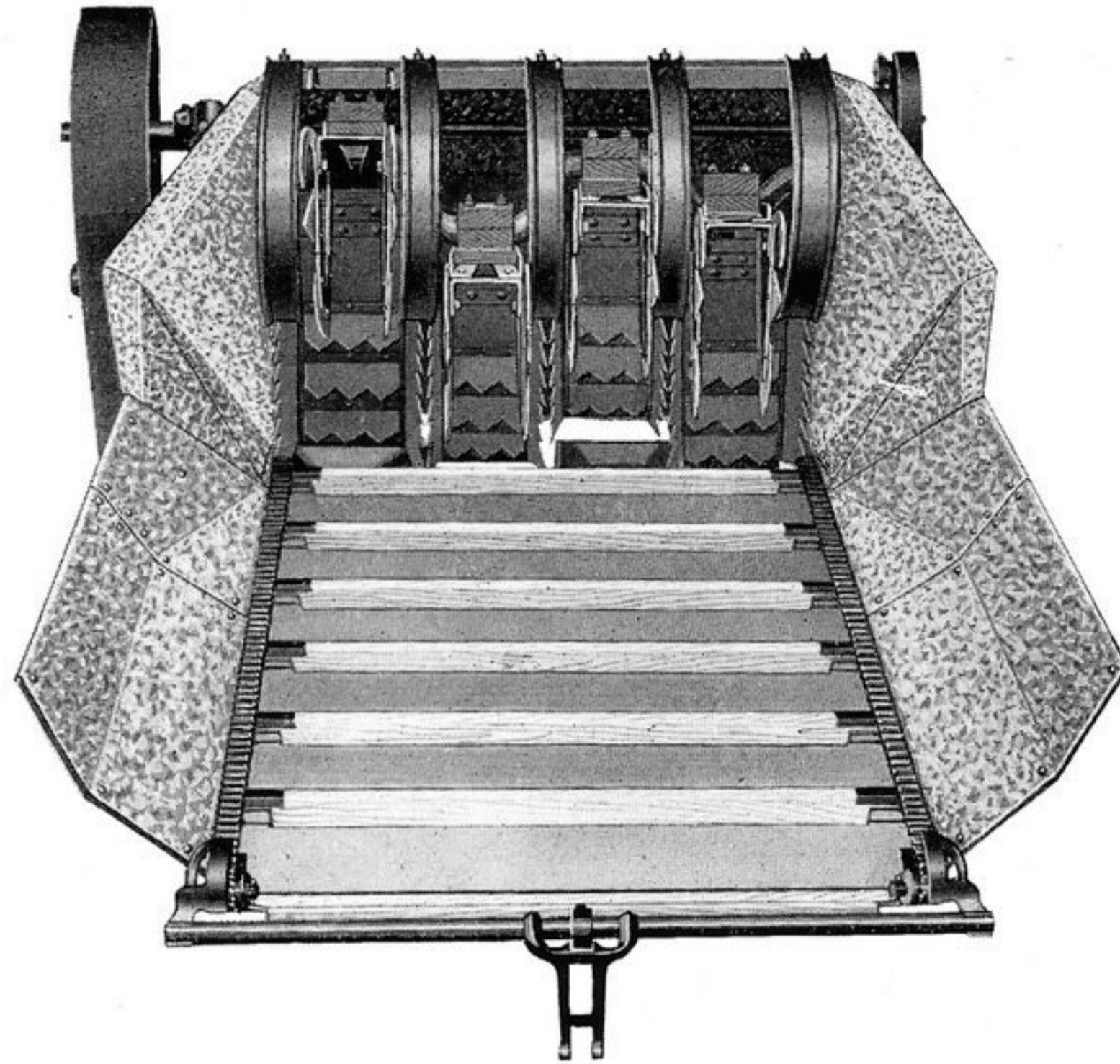
Upon inspection you will find the WHITE has fewer but sturdier working parts and its long life, combined with the all-round satisfaction it gives, makes this Feeder popular with threshermen wherever it is known.

You know that all things being equal, the simplest machine is always the most satisfactory. The White Feeder is simpler than most other feeders. It has fewer and sturdier parts. Reductions in the number of moving parts means reduction in the number of points of contact, sources of friction and wear; and you know what simplicity means when it comes to operating and taking care of any machine.

The White New Model Feeder is simple and it does the job. That is what is required.



WHITE GOODS WIN GOOD WILL



HART NEW MODEL SELF-FEEDER

Light Running

Big Capacity

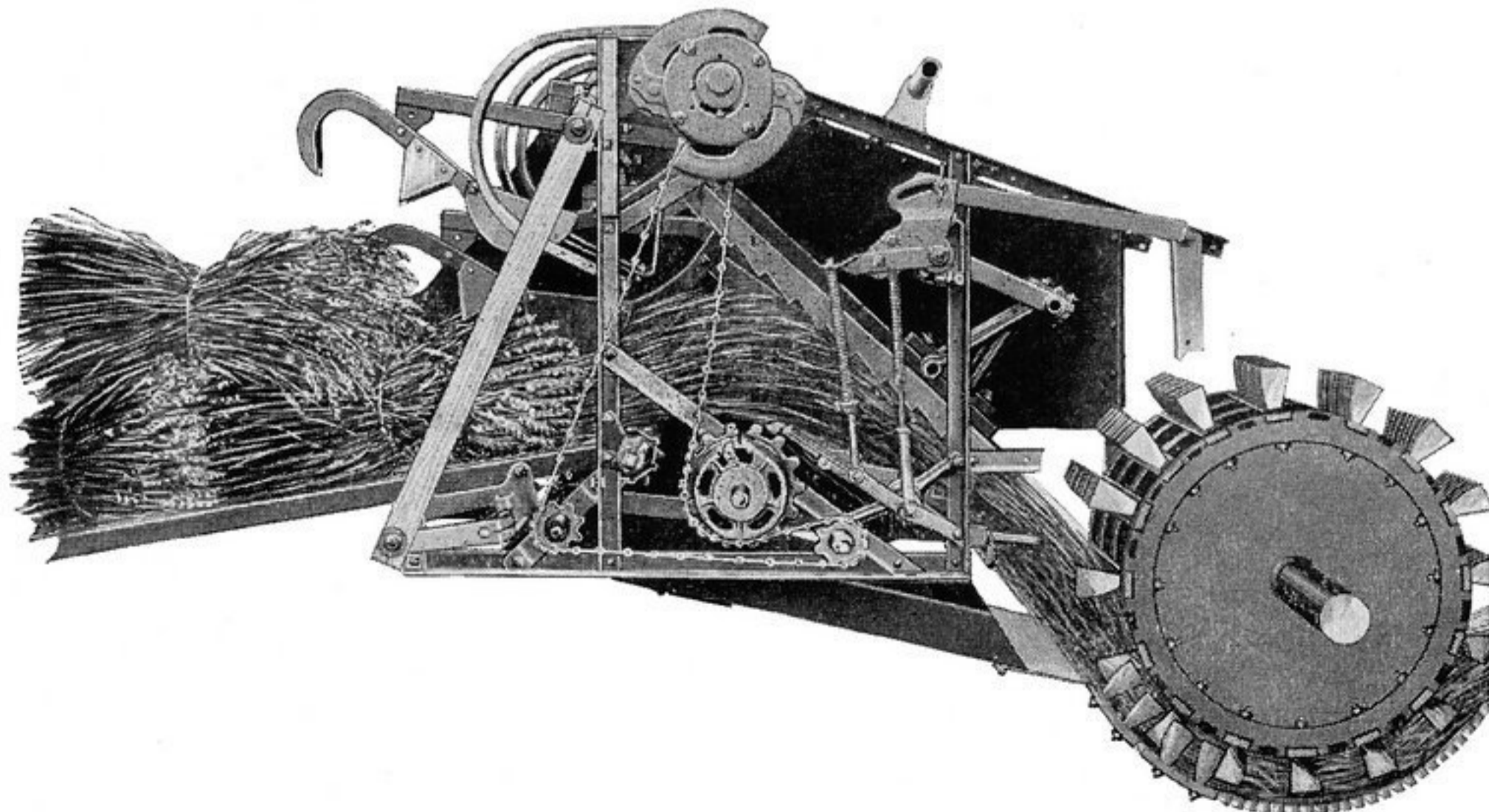
Feeds Evenly

Light running, even feeding, automatical control and an improved governing system are features that have made the Hart New Model a success wherever grain is threshed.

This Feeder delivers all the material to the threshing cylinder that it can handle and does the best possible job of threshing.

The Hart New Model checks, but does not stop the flow of grain to prevent slugging or overloading. It has an adjustable feeding throat working in conjunction with the variable speed control and giving the operator positive control of the flow of material to the threshing cylinder.

Hart New Model Feeders can be supplied in either 9 ft. or 14 ft. lengths carriers. They are all steel galvanized construction.

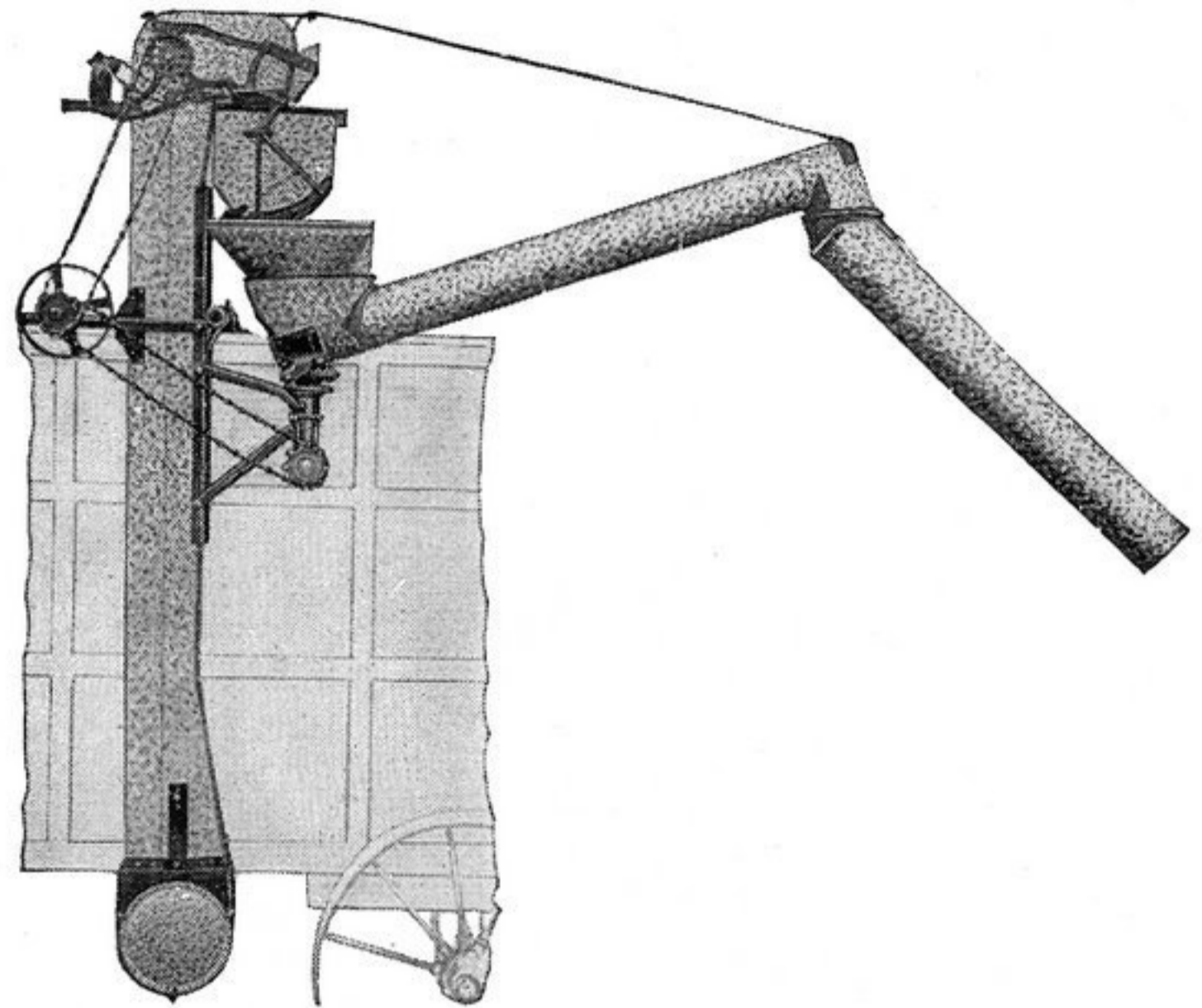


WHITE GOODS WIN GOOD WILL

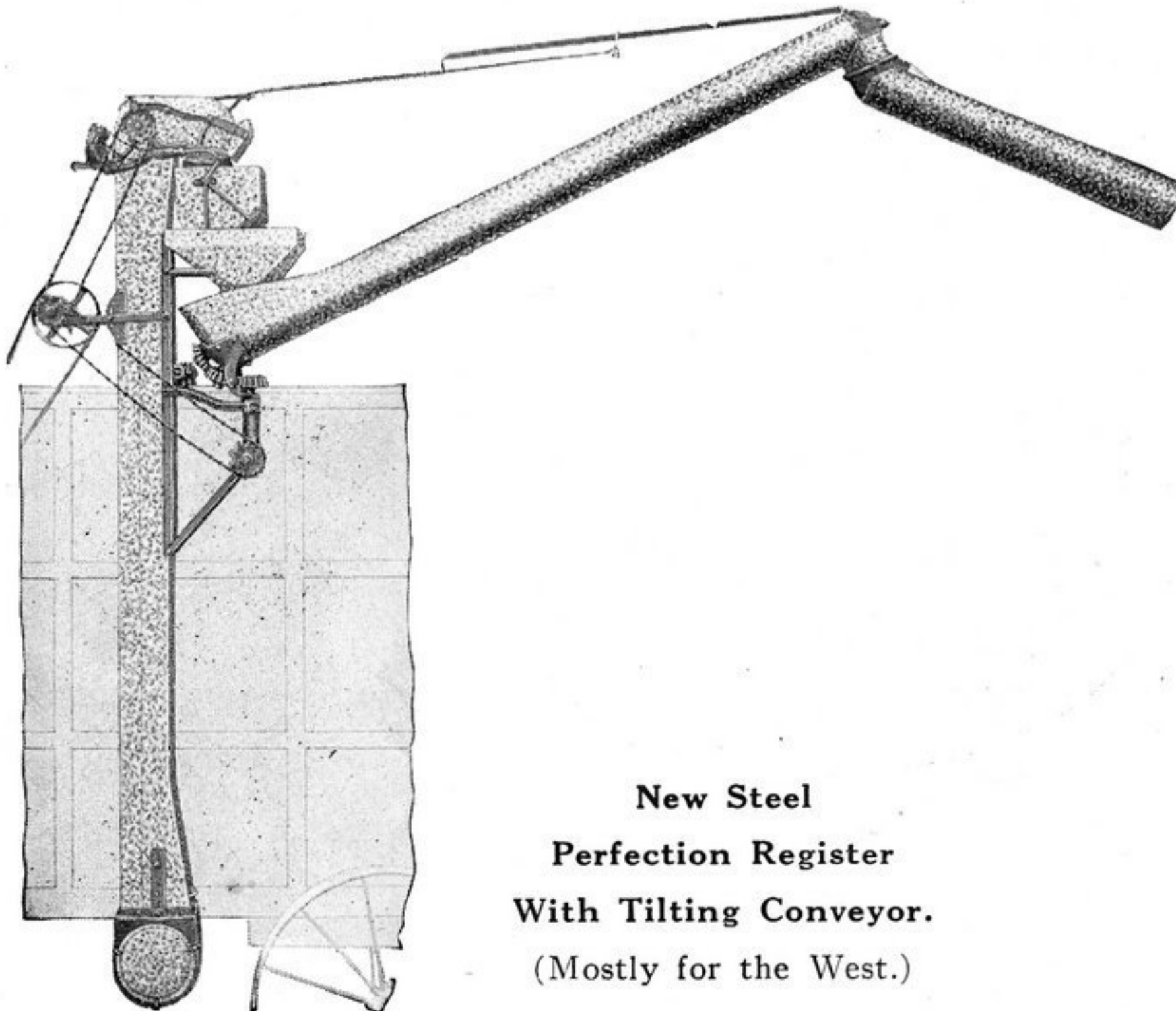
GRAIN HANDLING EQUIPMENT



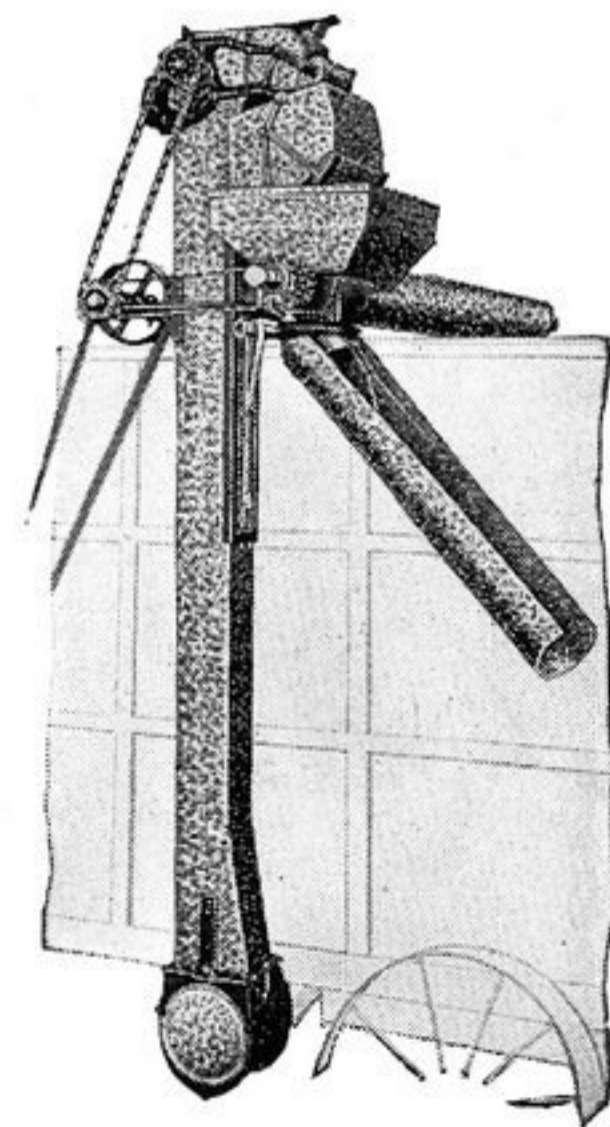
14-Ft. Hart Junior Register
Swinging Spout.
Also Supplied As a Bagger.



Hart Perfection No. 2 with
Swinging Conveyor.
Also Supplied As a Bagger.



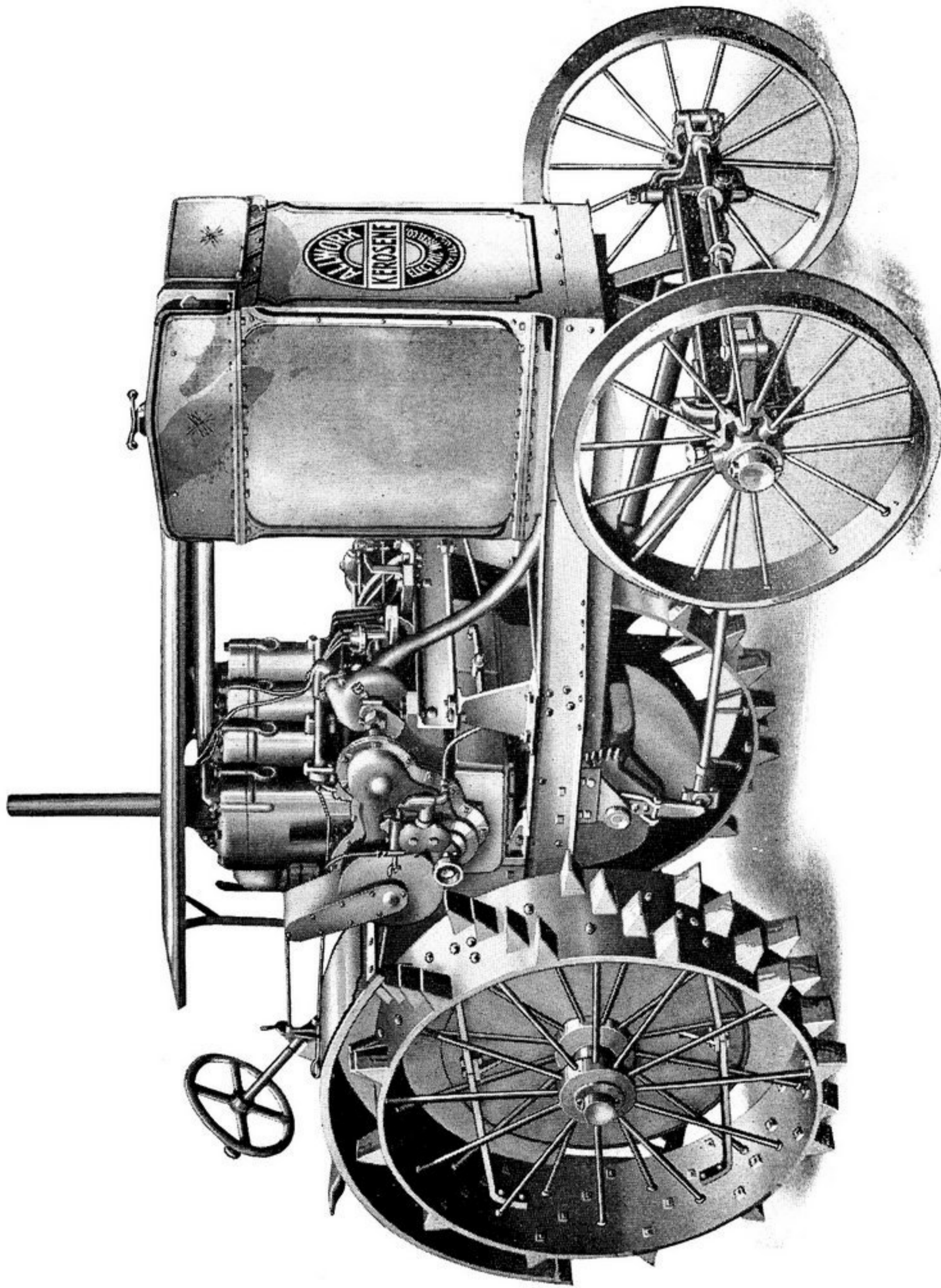
New Steel
Perfection Register
With Tilting Conveyor.
(Mostly for the West.)



Hart Perfection No. 3
Stationary Conveyor.
Also Supplied As a Bagger.

WHITE GOODS WIN GOOD WILL

WHITE ALLWORK TRACTORS



22-40 Allwork Tractor

Four Cylinders $5\frac{1}{2} \times 7$.

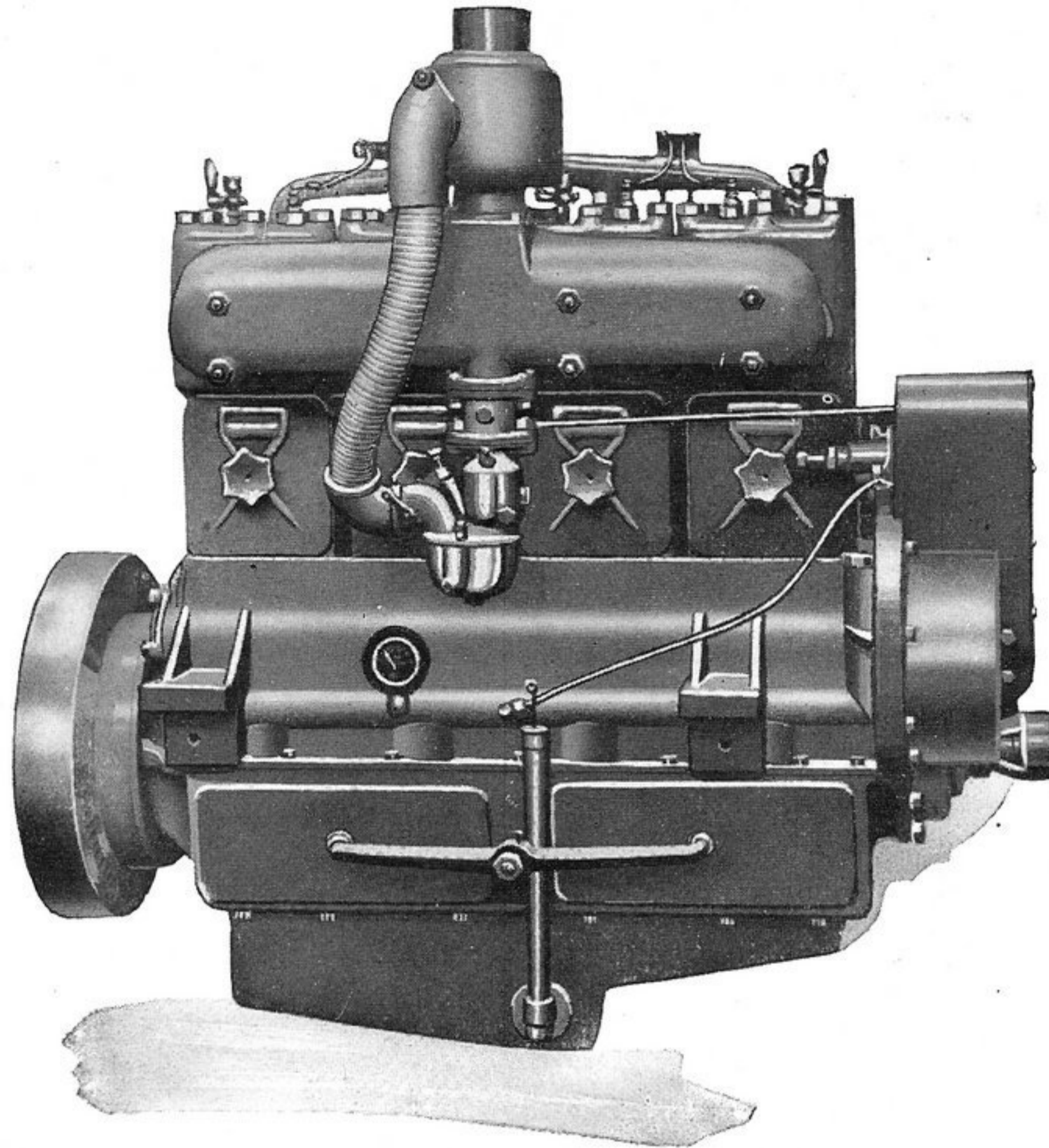
Fitted with Bosch Magneto.

Will Drive a 28" Thresher to Capacity and a 32" Thresher under Favorable Conditions.

WHITE GOODS WIN GOOD WILL

WHITE ALLWORK TRACTORS

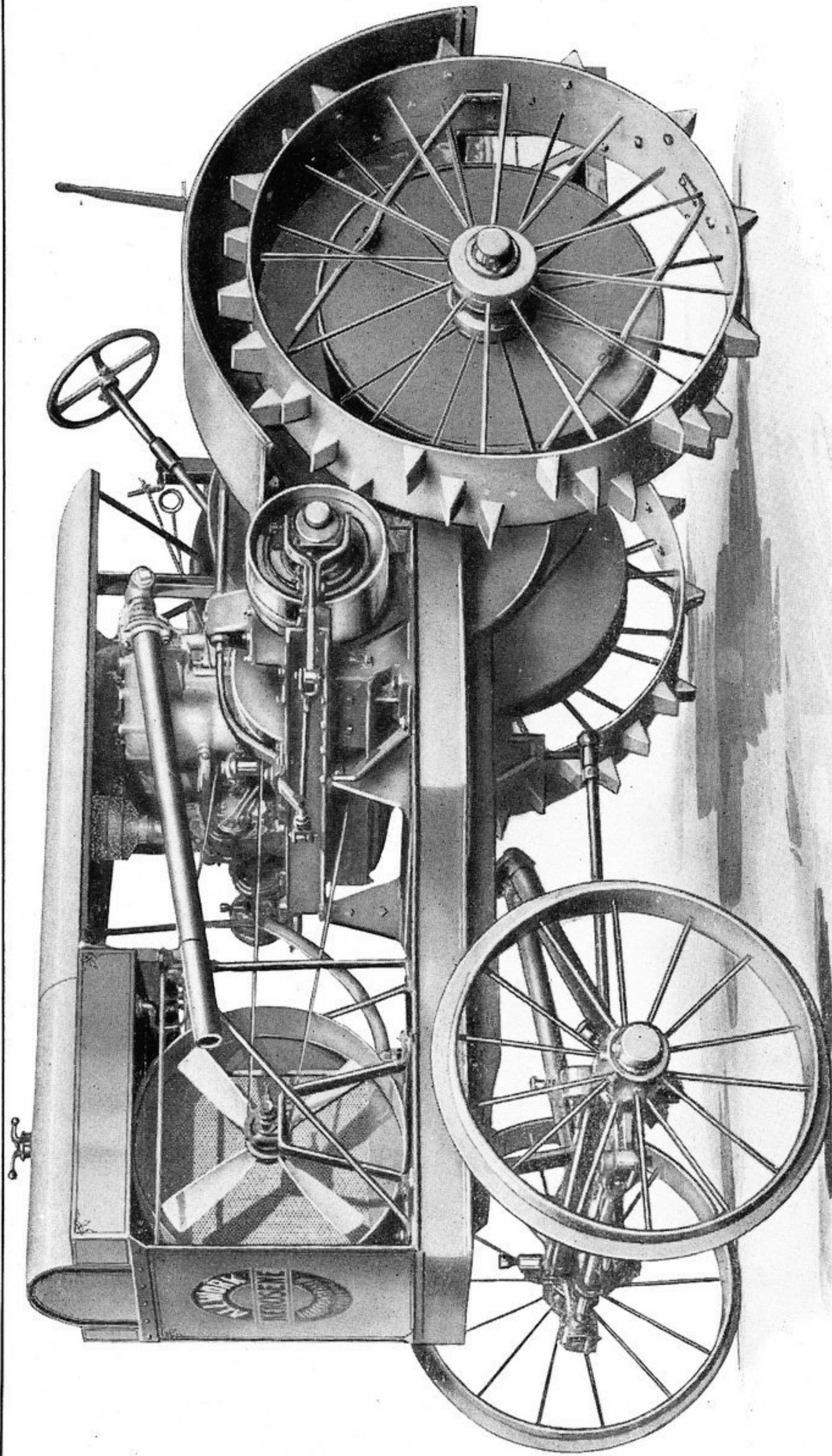
Type of Motor Used in 22 x 40 Allwork Tractor



Specifications of 22 x 40 Allwork Tractor

Rated H.P.—Drawbar.....	22
Belt.....	40
Rated Drawbar Pull (at direct working speed).....	3500 lbs.
Cylinders.....	5½" bore, 7" stroke.
Frames.....	5" heaviest weight Channel—hot riveted and braced with 1 Beams
Wheels—Drive Wheels.....	48 x 12 x ¾ with 6 x ¾ extensions.
Front Wheels.....	32 x 6.
TRANSMISSION.....	3 speeds forward. Heat treated. Cut teeth. Gears mounted on Hyatt Roller Bearings. Direct drive to pulley. No gears in mesh when doing belt work.
CLUTCH.....	3-prong. 5 plates.
REAR AXLE.....	2 7/16" chrome nickel steel.
JACKSHAFT.....	1 15/16" chrome nickel steel.
PULLEY.....	14 x 9 1/2.
SPEEDS.....	2 mph.—2¾ mph.—4¼ mph.
DIMENSIONS—Width.....	86"—95" with extensions on.
Height.....	83"—99" with exhaust pipe on.
Length.....	152".
Wheel Base.....	87".
Weight.....	8000 lbs. without extensions attached.

WHITE GOODS WIN GOOD WILL



16x30 ALLWORK TRACTOR

Four-cylinder 5 x 6. Fitted with Bosch Magneto.

Will pull three 12-in. plows in heavy land, or four plows under favorable conditions.

Will drive anything up to 26-in. separator, and many of our customers are driving 28-in. threshers with this engine, and doing it well

Direct drive to Pulley. No gears in mesh when doing belt work.

Specifications on 16x30 Allwork Tractor

Rated H.P.—Drawbar.....16
 Belt.....30
 Rated Drawbar Pull (at direct working speed)...2,500 lbs.
 Cylinders.....5" bore, 6" stroke.
 Frames.....5" Channel
 Hot riveted
 Wheel's—Drive Wheels.....48 x 12 x 3/8
 Front Wheels.....32 x 6
TRANSMISSION.....3 speeds forward
 Heat treated
 Cut teeth
 Gears mounted on Hyatt roller bearings.

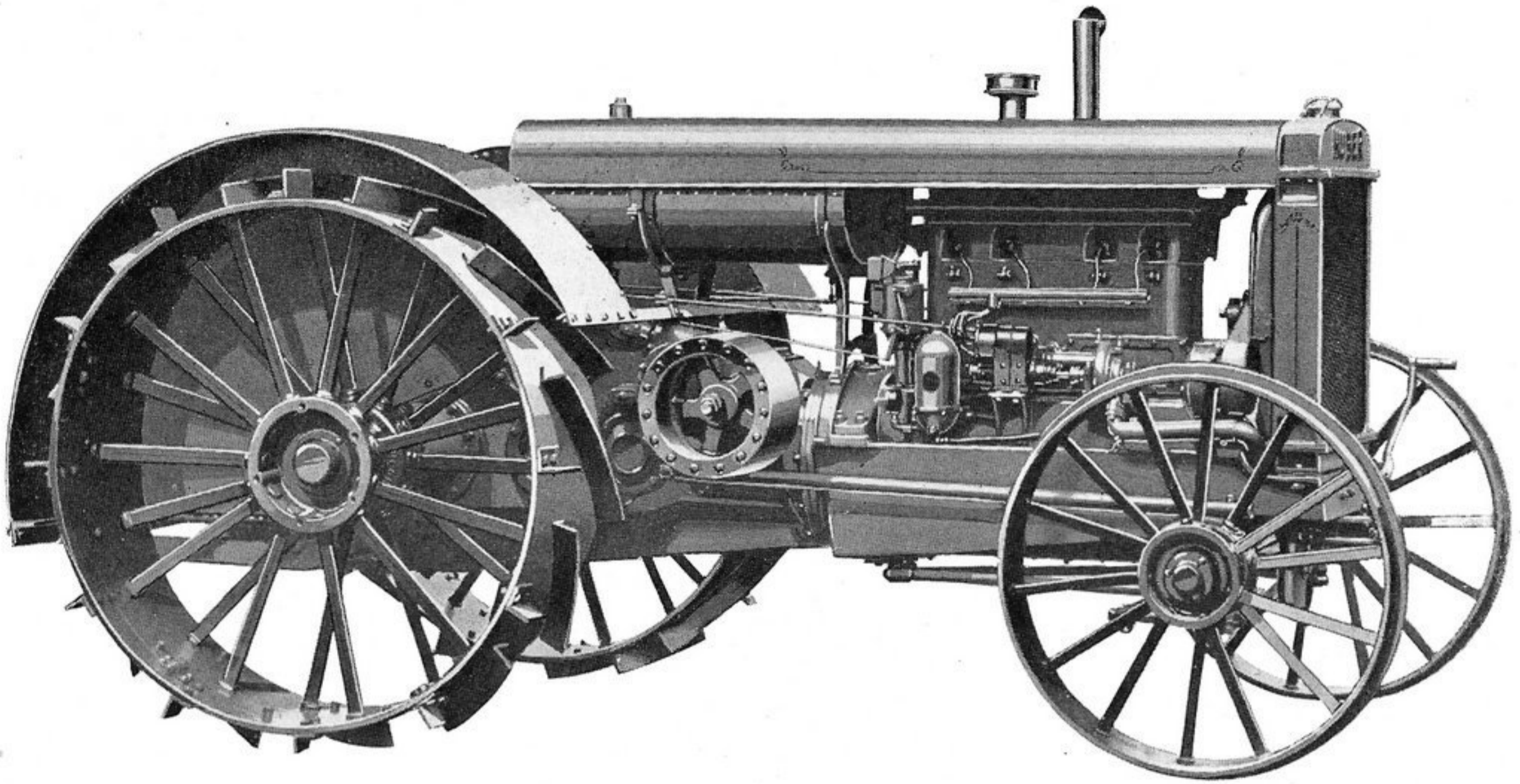
CLUTCH.....3-prong
 3 plates
 REAR AXLE.....2 7/16" steel
 JACKSHAFT.....1 5/16" steel
 PULLEY.....13 3/4 x 7 1/2
 SPEEDS.....2 mph.—2 3/4 mph.—4 1/4 mph.
DIMENSIONS—
 Width.....76"
 Height.....69"
 Length.....125"
 Wheel Base.....80"
 Weight.....5,300 lbs.

WHITE GOODS WIN GOOD WILL

WHITE THRESHING MACHINERY—FIRST QUALITY LINE

THE HUBER

NEW SUPER FOUR 18x36 H. P.



Side View Huber New Super-Four

ALL GEARS ENCLOSED IN OIL.
ROLLER BEARINGS THROUGHOUT.
STEEL GEARS, MACHINE CUT.
FRAMELESS CONSTRUCTION.
MATCHLESS PERFORMANCE.
EXCESS POWER.

Also Sizes 20 x 40 H.P. and 25 x 50 H.P. Write for Full Catalogue.

WHITE GOODS WIN GOOD WILL

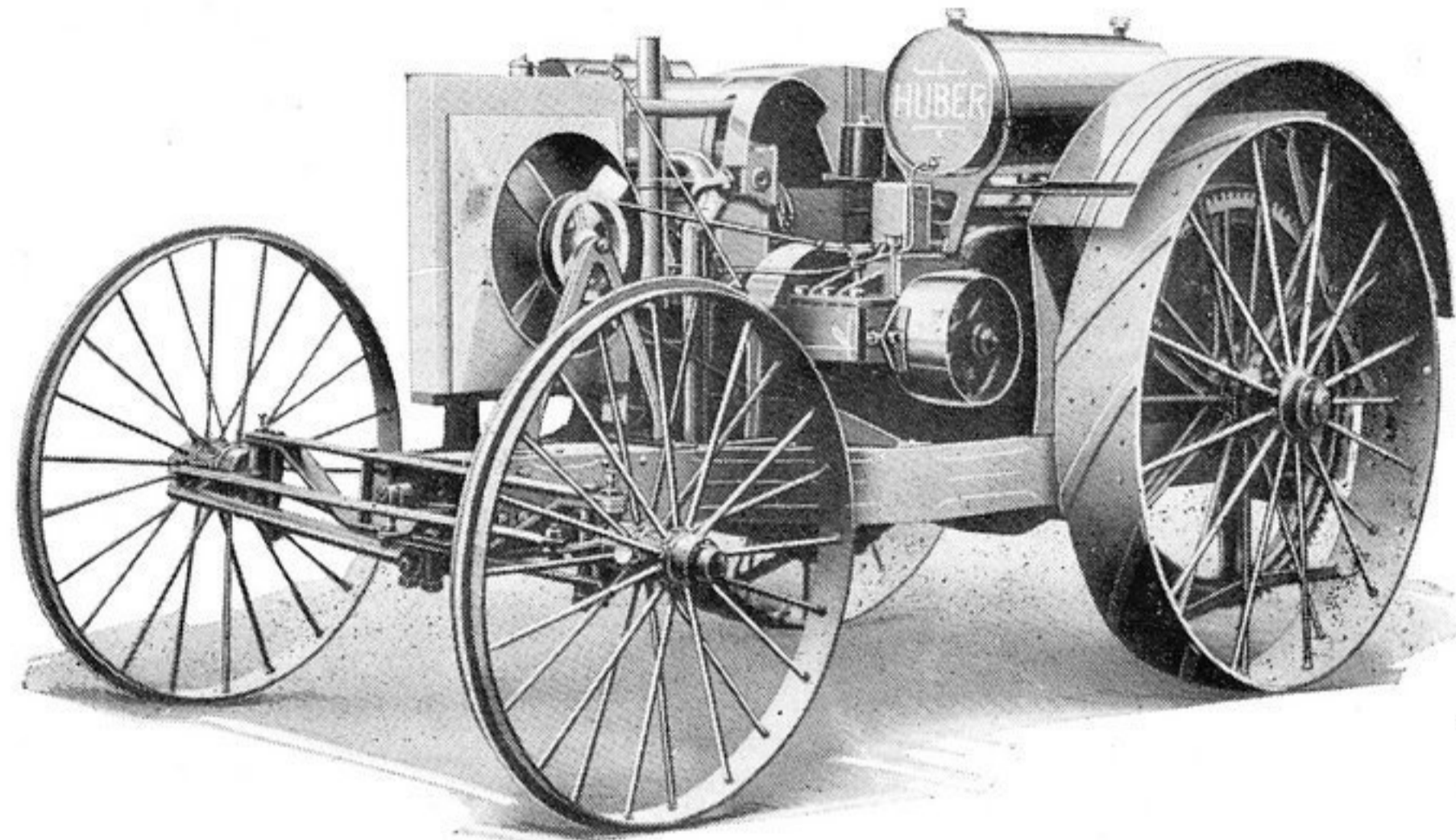
HUBER SUPER FOUR (18x36) TRACTOR

SPECIFICATIONS

Motor, Type:	4-Cylinder, Valve in Head.	Cooling:	Radiator—Perfex removable core in cast iron housings. Water Pump—centrifugal type, large capacity. Automotive four blade type fan, belt driven from pump shaft; 10 gallons capacity.
Bore:	4 $\frac{3}{4}$ inches.	Clutch:	Twin Disc, dry plate type.
Stroke:	6 $\frac{1}{2}$ inches.	Belt Pulley:	Diameter, 15 $\frac{1}{2}$ inches; Face, 8 ins; Speed 700 R.P.M. Height above ground, 32 $\frac{1}{2}$ ins.; clearance above front axle, 4 $\frac{3}{4}$ ins.
Speed:	1000 R.P.M. Normal—1,200 R.P.M.—Extra Heavy Belt Duty.	Belt Speed:	2,840 lineal feet per minute.
Cylinders:	Cast enbloc, reamed and accurately ground to size.	Transmission:	Chrome Nickel Steel Gears, machine cut and heat treated. All gearing enclosed and running in oil. Spur gear differential built in master gear. Sliding gear shift mounted on splined shaft.
Crankshaft:	Chrome Nickel Steel, heat treated and ground. Three main bearings. Front, 3 $\frac{1}{2}$ " long; Centre, 4 $\frac{1}{2}$ " long, and Rear, 4 $\frac{1}{2}$ " long. All 2 $\frac{7}{8}$ " diameter.	Bearings:	Hyatt Heavy Duty on all straight pulls; Timken take up where end thrust is encountered.
Connecting Rods:	Made of Special Duralumin Metal. Drop Forged and Heat Treated. Bearings are each 3 $\frac{1}{2}$ " long.	Road Speeds:	High, 3.8 m.p.h.; low, 2.2 m.p.h., normal engine speed.
Pistons:	High Test Cast Iron, ground and fitted with four rings. Three compression rings—one Pan-yard Oil Seal Ring.	Brakes:	Two brakes—one on clutch shaft, one in transmission.
Wrist Pin:	Alloy steel, hollow, hardened and ground.	Rear Axle:	Diameter, 3 $\frac{3}{4}$ ", high carbon steel, with accurately splined ends for differential gear and real wheel hubs.
Cam Shaft:	Alloy steel, cams and bearing surfaces all case hardened. Three high grade bronze bearings. Provision made for taking up end play.	Front Axle:	Cast Steel, Automotive type, spring mounted; Timken bearing pivot pins.
Valve Tappets:	3 $\frac{1}{2}$ per cent. Nickel Steel, hardened and ground, roller type.	Drive Wheels:	56" in diameter, 14" face, 18 Diagonal cleats to the wheel. Flat spokes.
Oiling System:	Pressure system by geared pump through hollow crankshaft to main and connecting rod bearings and through steel tube in connecting rod to wrist pin. Cylinders get splash and spray from crank pins. Overhead valve mechanism lubricated by pressure. No exposed oil pipes. Bayonet gauge indicates oil level in crank case.	Front Wheels:	40" in diameter, 6" face—hubs equipped with Timken bearings.
Governor:	Kingston Fly Ball Type with instantaneous control to deck.	Draw Bars:	Adjustable laterally and vertically.
Ignition:	Eisemann High Tension Magneto with Impulse Starter.	Wheel Base:	93 inches.
Fuel Tank:	Capacity, 42 gallons.	Total Length:	158 inches.
		Total Width:	76 inches.
		Total Height:	62 inches.
		Turning Radius:	About 14 feet.

WHITE GOODS WIN GOOD WILL

HUBER LIGHT FOUR (12x25) TRACTOR



REMARKABLE VALUE

Draw Bar—12 H.P.
Belt—25 H.P.
Wheelbase—90 inches.
Turning Circle—Less than 24 ft. outside.
Total Length—150 inches.
Total Width—80½ inches.
Total Height—69 inches.
Diameter Rear Wheels—60 inches.
Width Rear Wheels—10 inches.
Diameter Front Wheels—46 inches.
Width Front Wheels—4 inches.
Diameter Belt Pulley—13 inches.
Speed of Belt Pulley—1000.
Width Belt Pulley—7 inches.
Road Speeds, miles per hour—2½ low, 4 high.
Fuel—Gasoline, kerosene or distillate.

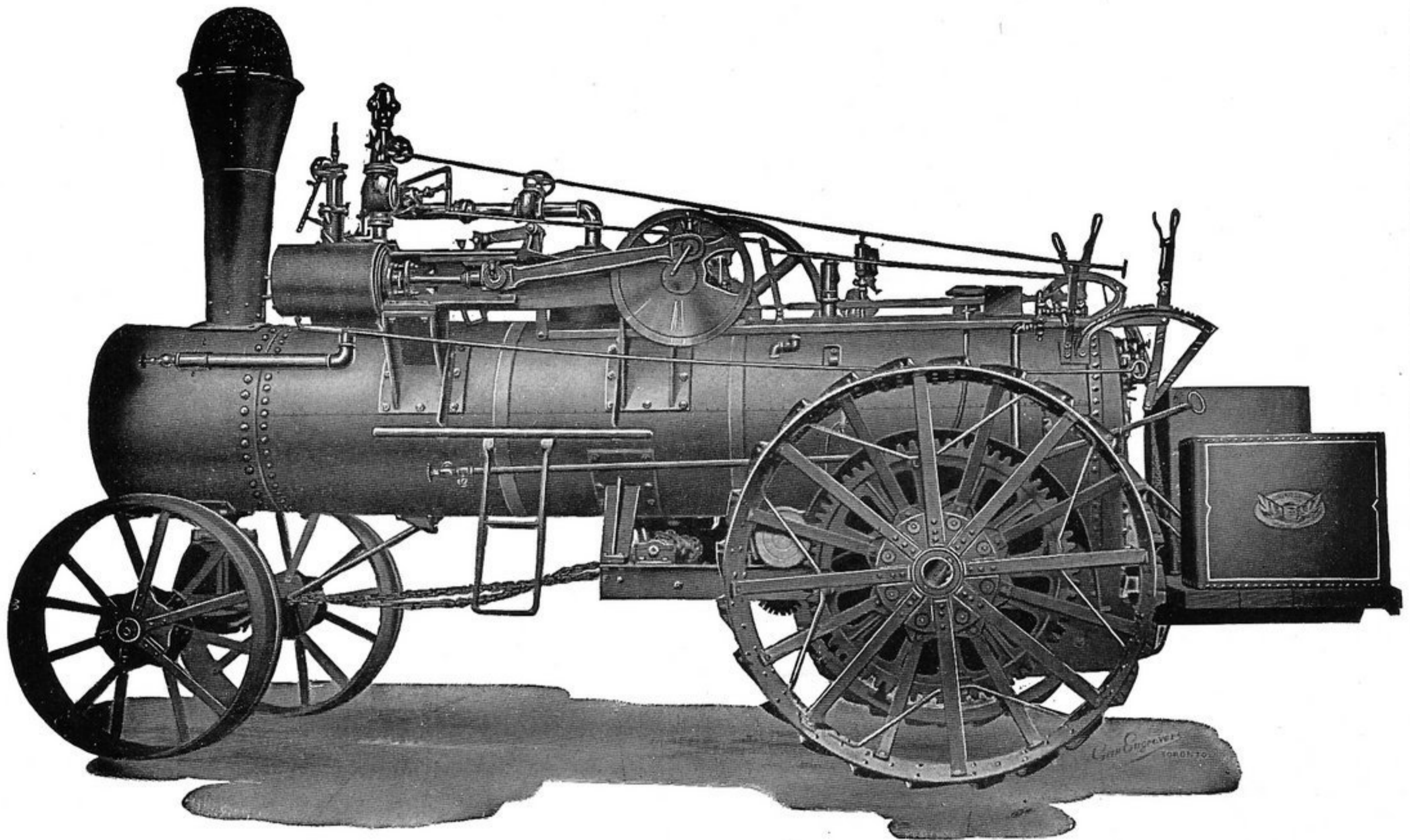
IDEAL POWER FOR LIGHT THRESHER

Motor—Waukesha, four-cylinder.
Cylinders Cast—In pairs.
Bore—4½ inches.
Stroke—5¾ inches.
Speed—1000 normal.
Lubrication—Automatic splash.
Cooling—Centrifugal water pump.
Ignition—High tension magneto, impulse starter.
Carburetor—Kingston.
Air Cleaner—Bennett.
Radiator—Perfex.
Governor—Waukesha patented type.
Clutch—Huber balanced.
Transmission—Cut steel gear, heat treated, running in oil bath.
Bearings—Hyatt roller and Gurney ball bearings.
Weight—Approximately 5,000 pounds.

HEAD OFFICE AND FACTORY, LONDON, ONTARIO

WHITE GOODS WIN GOOD WILL

THE IDEAL THRESHING ENGINE



WHITE GENERAL PURPOSE ENGINE

Sizes: 17 H.P., 20 H.P., 25 H.P.

ALWAYS RELIABLE

The **White** General Purpose Steam Engine will meet every requirement for heavy work about the farm, and you can depend upon it to give satisfaction.

White Steam Engines have earned for themselves an enviable reputation, from the first portable engines put in the field, up to present day tractions. Improvements have been made from time to time, as practical experience demanded, but the one high standard of efficiency has been maintained.

YOU ARE ALWAYS SAFE IN BUYING WHITE

WRITE FOR FULL PARTICULARS

WHITE GOODS WIN GOOD WILL

HOW MUCH IS IT WORTH?

Sometime or other something is apt to go wrong with the best of equipment. When it does, it usually happens at the most awkward time and must be rectified at once. Delays are costly.

It is then the owner begins to realize what manner of people he has been doing business with.

Are they the kind who are keen to extend their assistance in an emergency, or are they "shirkers"? The "WHITE COMPANY" has built up a reputation which will always be maintained as far as it lies in our power. If trouble arises, the first thing to do is get it adjusted. You will never find us "passing the buck" and holding up the job in an endeavor to fix the responsibility. That is something to take up after everything is again running smoothly. If we are responsible, we acknowledge it.

Of course, it is not always the fault of the equipment, but as a general rule, we are always able to make a fair and business-like adjustment, the main underlying idea being to satisfy YOU.

This, in a few words, expresses our policy. We make the best equipment we know of and while it is not always cheapest in price, it costs you less in the long run.

You have us back of everything we sell and when trouble arises, whether the fault is yours or ours, you will find us "on the job" to get things straightened out.

Consider these few thoughts and when you are seeking new equipment, ask yourself, "If I ever have an emergency, how much is this policy and service worth to me?"

WE STAND FOR—

WELL-DESIGNED MACHINERY.

HONEST MATERIALS AND WORKMANSHIP.

INITIATIVE IN USING EVERY UP-TO-DATE FEATURE.

TRIED AND PROVEN METHODS.

EVERYTHING FOR THE THRESHERMAN.

WHITE GOODS WIN GOOD WILL

THE WHITE LINE

New and Rebuilt Steam Traction and Portable Engines.

Tobacco Steaming Boilers.

Kerosene Tractors.

Steel and Wood, New and Rebuilt Threshers.

Clover Threshing Attachments and Re-Cleaners.

Chaff Saving Stackers.

Cutting-Box Stackers.

White and Hart Self-Feeders.

Hart Grain Weighers and Baggers.

Grain Talliers.

Bushel Measures.

Pea Threshing Attachments.

Dust Collectors.

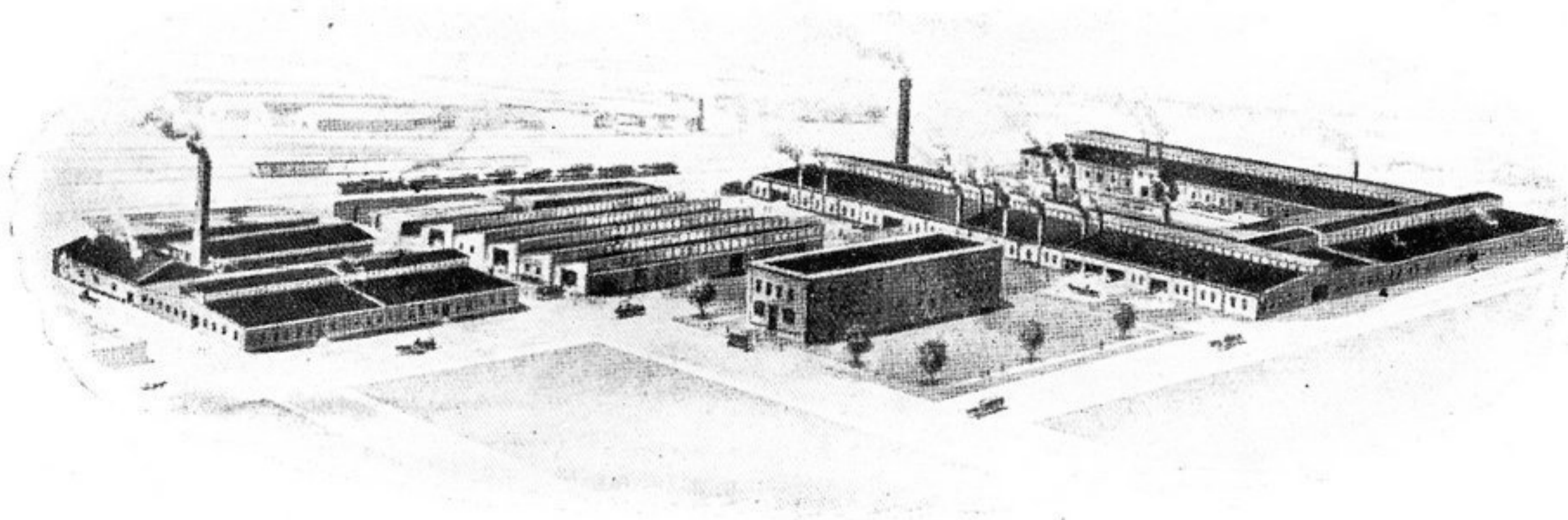
Barley Bearders.

Sawmills.

Drive Belts.

Roll Belting and All Kinds of Threshers' Supplies.

We know we have what you want. We want you to know it.



Head Office and Factory, London, Ontario

WHITE GOODS WIN GOOD WILL