

The
1923
AVERY LINE



AVERY COMPANY

Peoria - Illinois - U.S.A.

*Branch Houses - Aberdeen - Billings - Minneapolis
Madison - Grand Forks - Fargo - Omaha - Sioux Falls
Sidney - Lincoln - Kansas City - Wichita - Salina -
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Distributors - Avery Company of Texas - Dallas
Amarillo and Beaumont, Texas. Also other
principal machinery centers*

Announcement

IT is with a feeling of the utmost pride of achievement that we announce the 1923 Avery Line of Motor Farming, Threshing, Hauling and Road-Building Machinery with its extremely unusual number of new and improved Machines and Features.

The development of a line such as we now have had its beginning many years ago in a definite and clear-cut conviction that motor-power machinery for agricultural and industrial purposes was a fundamental necessity.

Out of this conviction has grown the great Avery 1923 Line. We believe we now have by far the best and the most complete line it has ever been our pleasure to offer—a line that will prove to be the Most Popular and Profitable Line for users generally.

The Avery Tractor Line for 1923 surpasses all previous efforts not only of ourselves, but of others. For farming purposes we now have tractors of the most popular size and most advanced design in both the wheel and the track types.

The larger sizes of Avery Farming, Threshing, Hauling and Road-Building Tractors have many improved features, produce greater power and perform with greater economy.

The Road Tractors in both Track and Wheel Types, the Road-Roller-Tractors and the "Road-Razer", all of which are included in the Avery Tractor Line, have proven extremely successful—so successful and so profitable to their owners in fact that repeat orders are many and often.

The Avery Tractor Line also includes the Avery Motor Cultivator, the only really successful motor power machine built for cultivating and planting row crops, as well as for general tillage work. It also includes Skid Motors in various sizes for all kinds of belt work, agricultural or industrial.

The Avery Motor Truck is of the popular 1 to 1 $\frac{1}{4}$ ton size and is fast becoming recognized as a leader in the truck field. A good motor truck is one of the best investments you can make. The Avery Truck has the right combination of speed, power and reliability for any kind of hauling. It puts your crops on the market

at the time to get the best price—cuts livestock shrinkage and means more profit for its owner.

The Avery Line of Threshers includes small, medium and large sizes and covers the need of threshermen of all classes in all territories—All sizes—"Yellow-Baby", "Yellow-Kid" and "Yellow-Fellow" are champion grain-savers. All are "job-takers" and "money-makers" for threshermen and "grain-savers" and "grain-cleaners" for farmers. It will pay you to thresh with an Avery or have an Avery thresh for you.

In addition, the Tractor Driven Machine part of the Avery Line includes the Improved Model Avery Header-Thresher—a machine that is the solution to the harvesting-threshing problem in the great headed grain belt, and the Avery Silo Filler, which was designed more than two years ago and which has now been thoroughly tested out.

The Avery Tractor Tillage Tool Line has in it the most up-to-date Tractor-Drawn Machines on the market today: Self-Lift Moldboard and Disc Plows for every size tractor; Self-Adjusting Tractor Disc Harrows and Power-Lift Tractor Grain Drills. All tools that thousands of tractor owners have heartily endorsed and which are in use throughout the United States and many Foreign Countries.

The Avery Line for 1923 is, we believe, the most complete and the best designed Line of Motor Power Machinery on the market. No other line can compare favorably with it. No other line has so many lines within itself. No other line can boast of a Line of Farm Tractors, a Line of Threshing Tractors, a line of Road Tractors, a Line of Grain Threshers, a Line of Skid Motors, a Line of Tractor Tillage Tools, Motor Trucks, Motor Cultivators and the "Road-Razer."

Bigger and better than ever before is the Avery Line for 1923. With new machines all built on time-tried Avery principles and with all other machines refined and improved, the announcement of the Avery Line for 1923 is an outstanding event in the history of Motor Power Machinery.

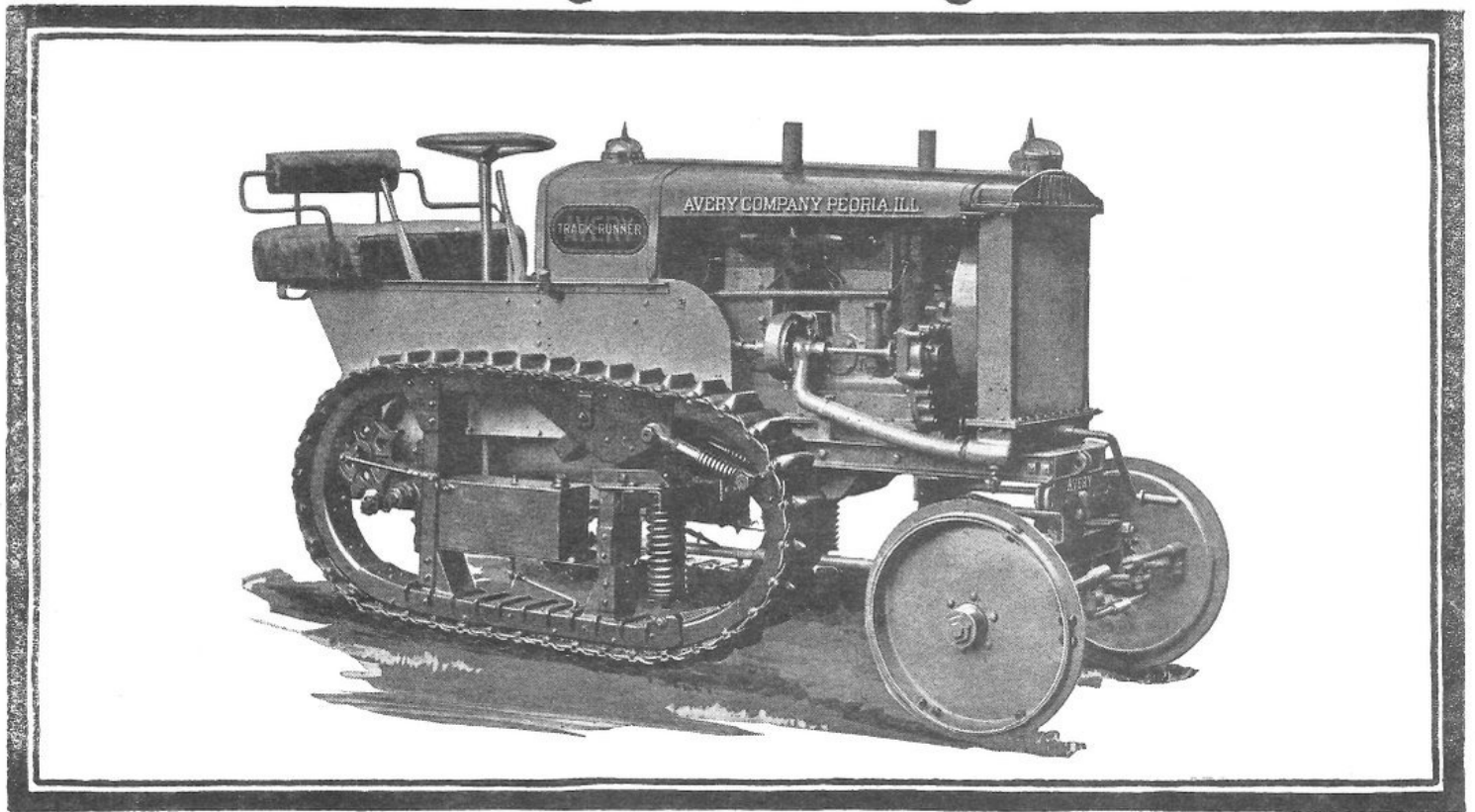
Additional information regarding prices and terms of Avery Machines or requests concerning details on specific machines are always welcome and will be gladly and promptly answered with no obligation to the sender. Address all correspondence to the Avery Company at Peoria, Illinois, or any of their Branch Houses located throughout the country.

IT PAYS TO AVERY-IZE

Farming ~
Threshing ~

TRACTORS

~ Road Building
~ Hauling



Avery "Track-Runner"

THE admiration for the extraordinary exterior beauty and the clean, smooth lines of the Avery Track-Runner rapidly develops into sincere enthusiasm and respect as the experienced tractor buyer begins to inspect more closely the details of its interior design and construction.

The Track-Runner pulls three 14-inch moldboard plows or five disc plows. It drives medium size belt machines, such as a grain thresher, silo filler, corn sheller, etc. It pulls a 7-foot road grader and medium size road levelers and maintainers.

In drawbar work the shoes which rest on the ground travel around an oblong circular channel frame-work. A double row of hardened steel rollers run in the channels of this frame. The shoes run around on these rollers which are thoroughly oiled and by this method of operation, the friction is reduced to

a minimum when the tractor is used for drawbar work. The belt pulley is located on the left side—high up from the ground—is large—gets a good grip on the belt and is always in place for immediate use.

The Track-Runner is Avery quality-built throughout. The work that it is doing in the hands of its owners is extremely satisfactory. It is being used on farms, for road work and by contractors for hauling and industrial purposes. No better tribute can be paid this machine than the fact that repeat orders are being placed right along where they have been given a thorough try-out.

BRIEF SPECIFICATIONS: 4 cyl. cast en bloc valve-in-head motor; bore and stroke 4 x 5½ inches; renewable inner cylinder walls; extra strong crankshaft 2¼ inches; master clutch twin disc, dry plate type; track clutches, multiple disc operates in oil; transmission all cut steel gears enclosed running in oil; three speeds forward, 2, 2½ and 3½ M. P. H. at 1000 R. P. M.; force feed lubricating system; high tension magneto; Kingston carburetor; cellular radiator with gearless water pump circulation; burns gasoline, kerosene or distillate; track 164 inches long; shoes 8¾ inches wide; tread 38 inches; track automatically lubricated; belt pulley 12-inch diameter, 8½ inch face; with speed of 1100 R. P. M.; overall width 48 inches—length 118 inches—height 61 inches; shipping weight 5000 pounds; turning radius 8 feet; regular equipment—cushion seat, tools, tool-box, air cleaner, drawbar, etc.

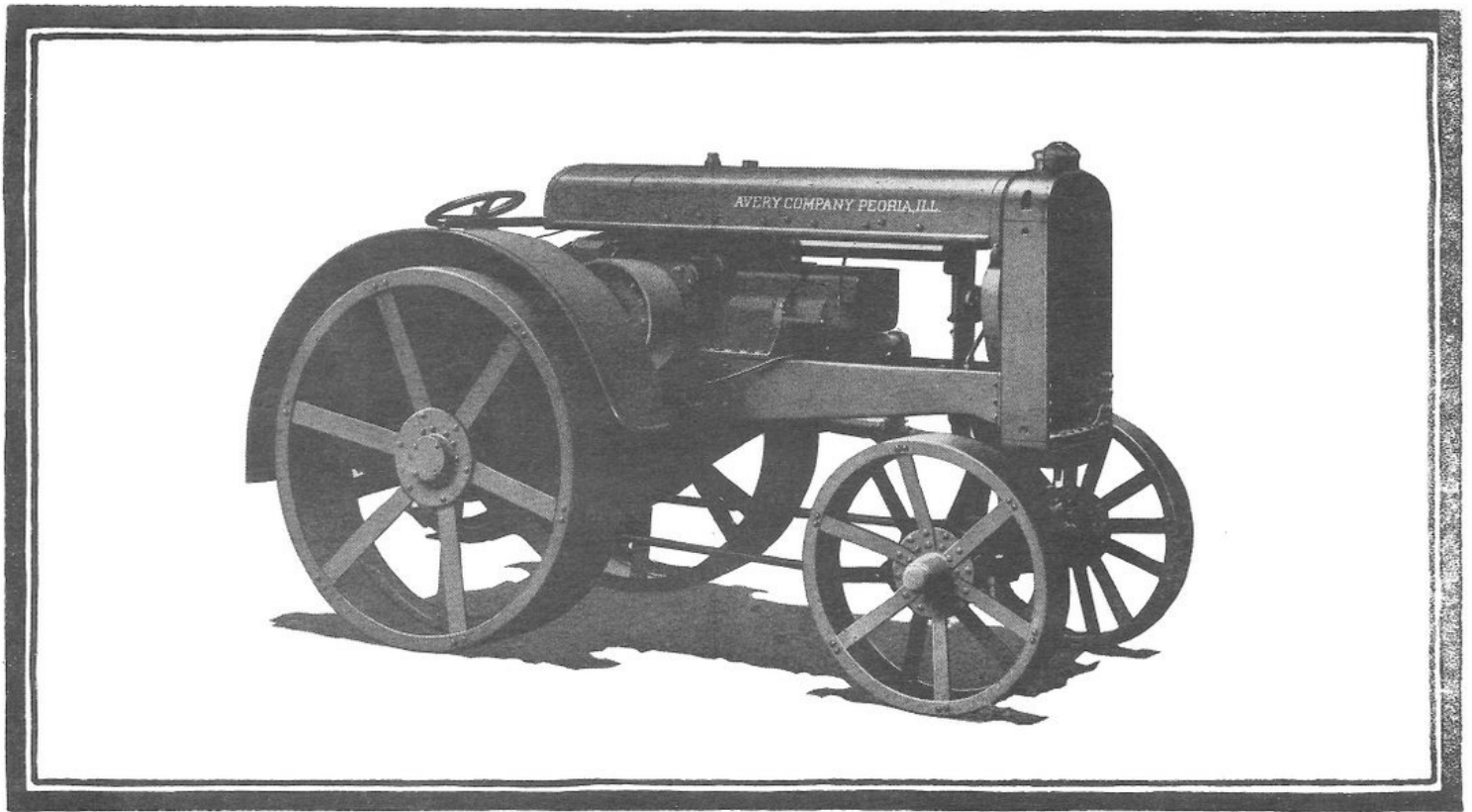
Electric lights, starter and generator are furnished as extra equipment at an additional price.

IT PAYS TO AVERY-IZE

Farming ∞
Threshing ∞

TRACTORS

∞ *Road Building*
∞ *Hauling*



New Avery 15-H. P. Tractor

THE New Avery 15 H. P. Tractor embodies the greatest advance in tractor designing and construction that the industry has ever seen in a wheel tractor. It is the only tractor with a two-bearing belt transmission and the only tractor with a two-gear contact drawbar transmission.

These are the reasons it is the best tractor of all as a belt machine. The belt pulley is mounted directly on the crankshaft, which in turn runs on only two bearings, both of which are ball bearings. Friction is reduced to the minimum and all the power of the motor is delivered to the belt. The belt pulley is also conveniently located—on the right side of the tractor—high up from the ground.

In traction work more of the power developed by the motor is delivered to the drawbar than in any other tractor. Only three shafts are used—crankshaft, countershaft and rear axle. Only two gear contacts are used in delivering the power of the motor to the drawbar when traveling either in high or low speed. All gears are cut steel spur gears, heat treated and run in oil—all operate on frictionless ball bearings. All working parts are enclosed. It has the least gears, shafts and bearings of any tractor. It is easy riding—convenient to operate and care for. No other tractor can compare with this New Avery Product in its combination of abundance of power—light weight—extreme simplicity—long endurance—and great economy.

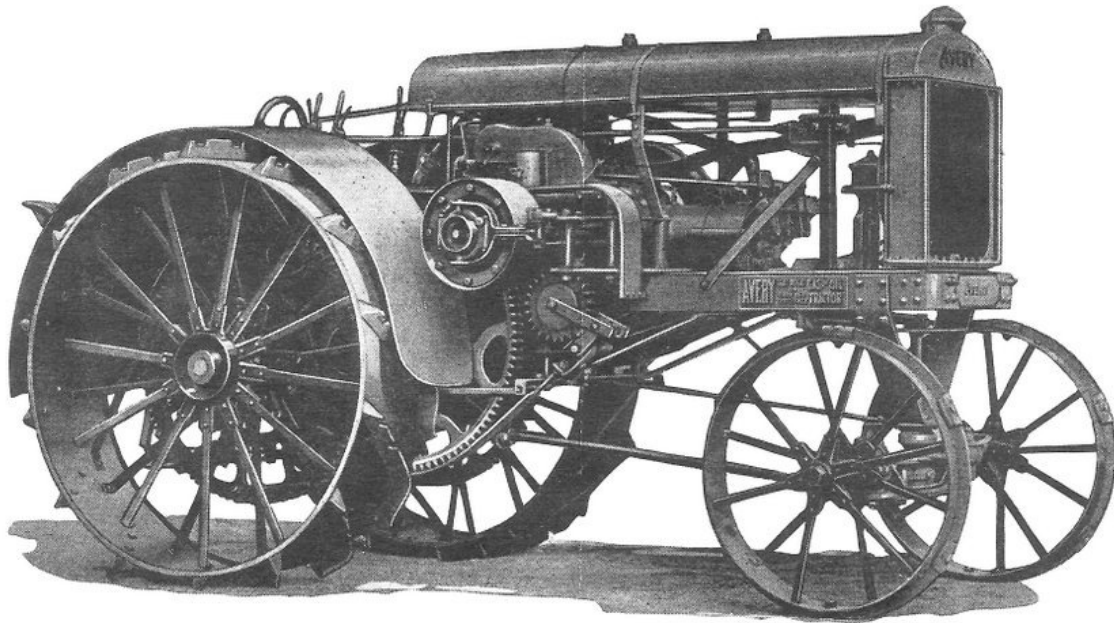
BRIEF SPECIFICATIONS: 4 cyl. valve-in-head horizontal motor; speed 900-1000 R. P. M.; bore and stroke $4\frac{1}{2} \times 6$ inches; renewable inner cylinder walls; gasifiers for burning kerosene; extra strong crankshaft $2\frac{3}{4}$ -inch diameter operating on two ball bearings—only $13\frac{3}{4}$ inches between bearings; disc clutch with belt pulley on crankshaft; belt pulley 16-inch diameter, $7\frac{3}{4}$ -inch face; Madison-Kipp Lubricator; Pickering Governor; K-W High Tension Magneto; Kingston Carburetor; cellular radiator with pump and fan; two speeds forward, $2\frac{1}{2} \times 3\frac{1}{2}$ M. P. H.; diameter and face of rear wheels 50 and 12 inches; front wheels 32 and 5 inches; overall width 60 inches—length 118 inches—height 64 inches; weight 4750 lbs.; turning radius $9\frac{1}{2}$ feet.

IT PAYS TO AVERY-IZE

Farming ~
Threshing ~

TRACTORS

~ *Road Building*
~ *Hauling*



Improved Avery 20-35 H.P. Tractor

THE Improved Avery 20-35 H. P. Tractor has a decidedly more attractive appearance this year. The cab has been eliminated, the fenders cover the full width of the rear wheels and extend from the platform well over more than half their circumference. The hood running back from the radiator incorporates the fuel tanks and affords a substantial cover protection to the motor. It is finished in the new Avery standard color gray with red wheels.

Chief among the improvements in this model Avery are the increasing of the power of the motor by 25 per cent; the adoption of a cooling system with cellular radiator, water pump and fan; also the use of the Madison-Kipp mechanical lubricator for oiling the working parts of the motor.

It has the many exclusive features that have always made Averys do splendid work and last a long time. It also has the Avery "Direct-Drive" Transmission by means of which all the power of the motor is delivered in the belt and the greatest possible percentage of it is delivered at the drawbar. The Improved Avery 20-35 H. P. Tractor is without question the best medium sized farming, threshing and road tractor on the market. It is one of the lightest weight tractors per drawbar efficiency built.

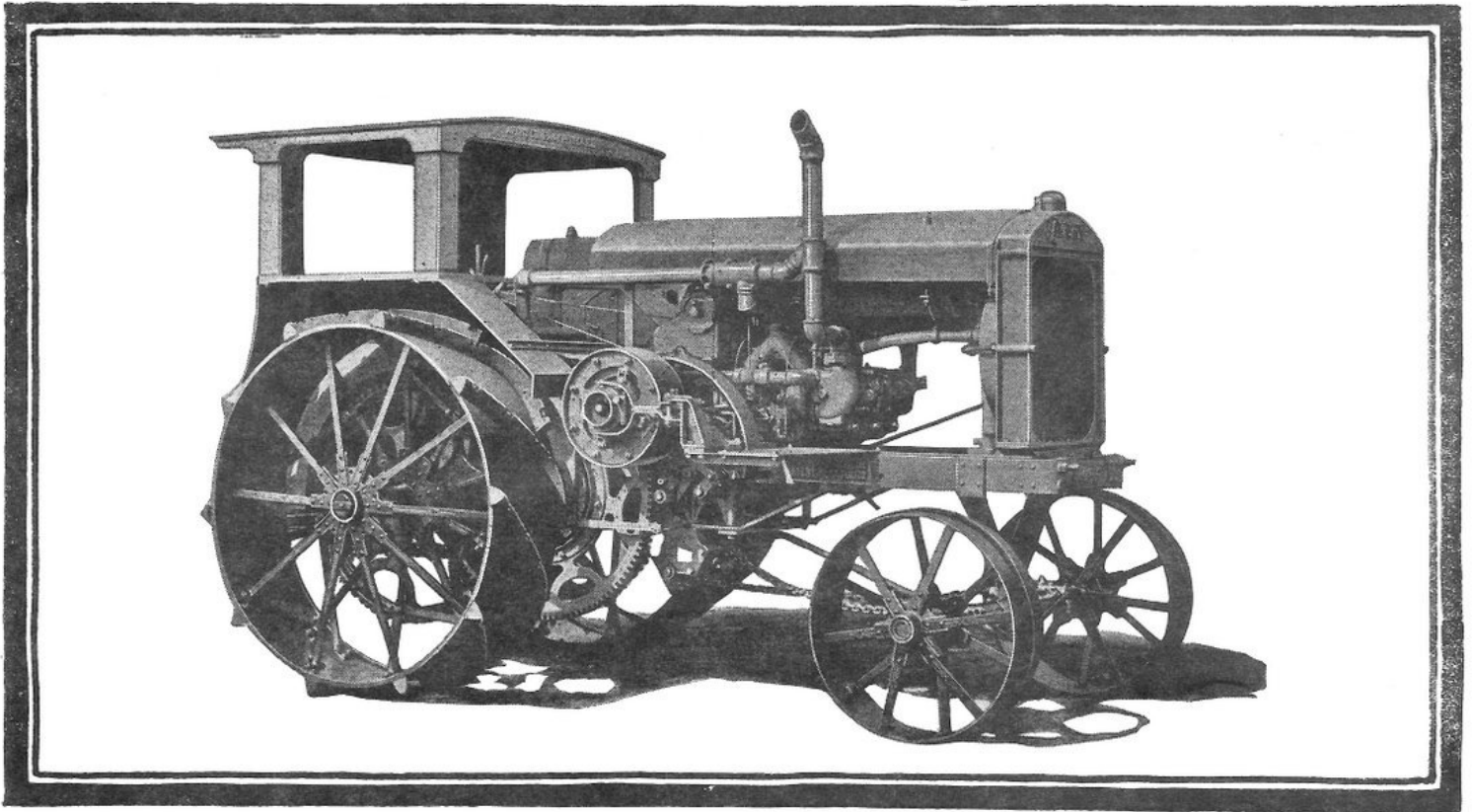
BRIEF SPECIFICATIONS: 4-cyl. valve-in-head horizontal motor; speed 700-900 R. P. M.; bore and stroke $4\frac{1}{8}$ x 7 inches; renewable inner cylinder walls; gasifiers for burning kerosene; only two main bearings, adjustable from outside; diameter crankshaft 3 inches; length of crankshaft bearings $5\frac{1}{2}$ inches each; disc clutch with belt pulley on crankshaft; belt pulley 16-inch diameter, $7\frac{1}{2}$ -inch face; Madison-Kipp Lubricator; K-W High Tension Magneto; Kingston Carburetor; cellular radiator with pump and fan. Speeds forward $2\frac{1}{2}$ to 3 and $3\frac{1}{2}$ to $4\frac{1}{2}$ M. P. H.; diameter and face rear wheels 60 and 16 inches; front wheels 36 and 6 inches; overall width 68 inches—length 152 inches—height 80 inches; weight 7500 lbs.

IT PAYS TO AVERY-IZE

Farming ∞
Threshing ∞

TRACTORS

∞ *Road Building*
∞ *Hauling*



Improved Avery 25-50 H. P. Tractor

THIS size Avery and the Improved Model Avery 45-65 H. P. Tractor shown on the opposite page are the most popular large threshing, road-building and farming tractors of the wheel-type built. More of them have been sold than any other make of wheel tractor for this kind of work. And with their many refinements in design and construction and their new features which have now been added, there is no question but that these large sizes of Avery Tractors will be even more popular and greater sellers than ever before.

The Improved Model Avery 25-50 H. P. Tractor drives a 32 by 54-inch grain thresher with all attachments, handles a ten-foot road-grader with ease,

and pulls six 14-inch moldboard plows or twelve disc plows under usual conditions.

Among the new features of this model are the increasing of its power; the adoption of the new cooling system with cellular radiator, water pump and fan; and also the Madison-Kipp mechanical lubricator for oiling the motor.

It has the exclusive features found in the Avery "Draft-Horse" Tractor Motors, and also the well-known Avery "Direct-Drive" Transmission with the belt pulley on the end of the crankshaft and the drawbar pull through all straight spur gears with less gears, shafts and bearings than other tractors.

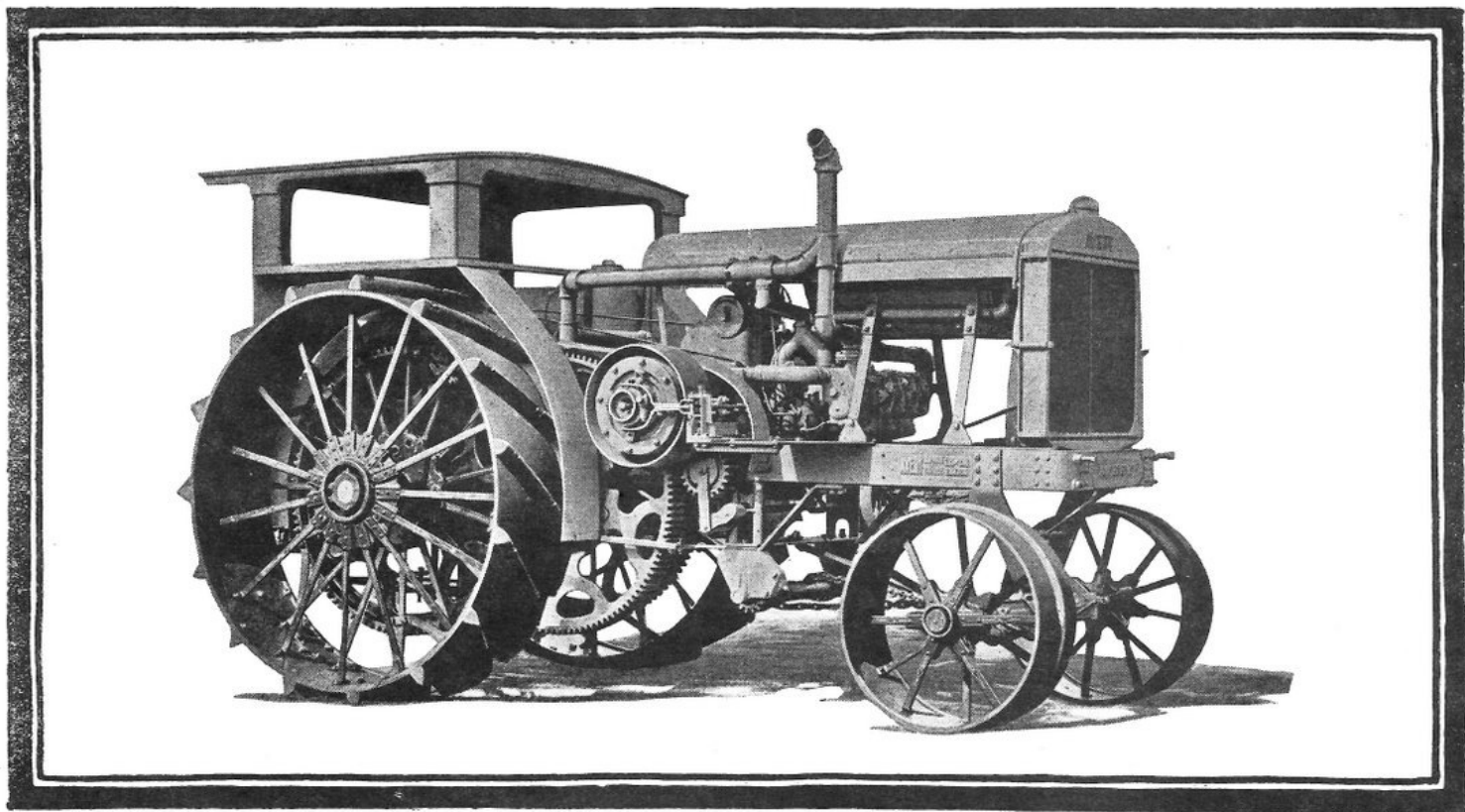
BRIEF SPECIFICATIONS: 4 cyl. valve-in-head horizontal motor; speed 600-700 R. P. M.; bore and stroke $6\frac{1}{2}$ x 8 inches; renewable inner cylinder walls; gasifiers for burning kerosene; only two main bearings, adjustable from the outside; diameter of crankshaft $3\frac{3}{4}$ inches—length of crankshaft bearings $6\frac{1}{2}$ and $7\frac{1}{2}$ inches; disc clutch with belt pulley on crankshaft; belt pulley 22 inches, diameter $8\frac{1}{2}$ -inch face; Madison-Kipp Lubricator; K-W High Tension Magneto; Kingston Carburetor; cellular radiator with pump and fan. Speeds forward $2\frac{1}{2}$ to 3 and $3\frac{1}{2}$ to 4 M. P. H.; diameter and face rear wheels 69 and 20 inches; front wheels 38 and 10 inches; overall width $90\frac{1}{2}$ inches—length 176 inches—height 108 inches; shipping weight 12,500 lbs.

IT PAYS TO AVERY-IZE

Farming ∞
Threshing ∞

TRACTORS

∞ *Road Building*
∞ *Hauling*



Improved Avery 45-65 H. P. Tractor

THE Improved Avery 45-65 H. P. Tractor can "pull anything that is loose at one end" as one owner proudly expressed it. It drives the largest grain threshers built; it handles under extraordinary conditions a 12-foot road-grader and on the larger farms eight to ten 14-inch moldboard plows or eighteen disc plows are its usual load.

The Improved 45-65 H. P. Avery is also equipped with the same type cooling and oiling systems as are now regular equipment on the other sizes of machines comprising the Avery Line of medium and large farming, threshing and road tractors.

It also has a four-cylinder horizontal Avery "Draft-Horse" Motor, the design of which includes the same exclusive features as have been previously mentioned in the improved Model Avery 20-35 and 25-50 H. P. Tractors; it has the same type of "Direct-Drive" Transmission so advantageous in both belt and drawbar work. It is painted in the new colors: Gray with red wheels.

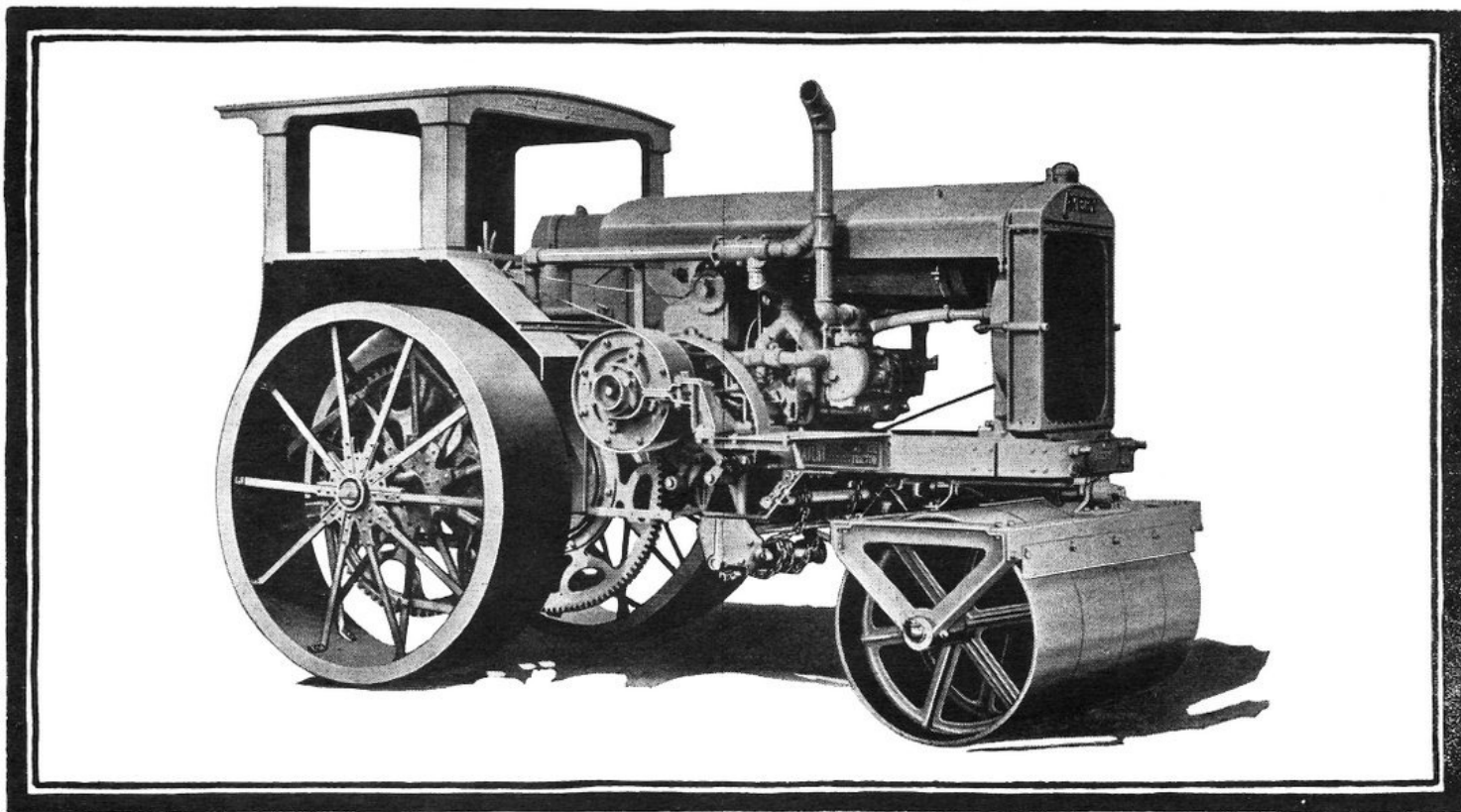
BRIEF SPECIFICATIONS: 4 cyl. valve-in-head horizontal motor; speed 500-600 R. P. M.; bore and stroke $7\frac{1}{2}$ x 8 inches; renewable inner cylinder walls; gasifiers for burning kerosene; only two main bearings, adjustable from outside; diameter crankshaft $4\frac{1}{2}$ inches; length of crankshaft bearings 9 inches each; disc clutch with belt pulley on crankshaft; belt pulley 26 inches diameter, 10-inch face; Madison-Kipp Lubricator; K-W High Tension Magneto; Kingston Carburetor; cellular radiator with pump and fan. Speeds forward $1\frac{1}{4}$ to $2\frac{1}{2}$ and $2\frac{1}{2}$ to $3\frac{1}{2}$ M. P. H.; diameter and face rear wheels $37\frac{1}{2}$ inches; front wheels 42 and 16 inches; overall width $111\frac{1}{2}$ inches—length 215 inches—height 121 inches; shipping weight 22,000 lbs.

IT PAYS TO AVERY-IZE

Farming ∞
Threshing ∞

TRACTORS

∞ *Road Building*
∞ *Hauling*



Improved Avery 25-50 H. P. Road-Roller-Tractor

AVERY engineers who have had years of experience in building road machines for unpaved road construction, conceived the idea that by rolling the road at the same time the grading was done, a better and more finished road would result. Experiments proved that their contentions were correct, so the next problem was to build a Road-Roller-Tractor with power enough to pull the largest graders and which at the same time could easily be handled.

The solution of this problem has been found in these Improved Model Avery Road-Roller-Tractors.

The rollers are extra large in diameter so that they will roll over the high piles of loose dirt that are thrown up by the grader. The width of the front rollers is also more than sufficient to overlap the rear wheels. The entire front roller equipment is mounted on a large turn-table and turns on one-inch steel balls. This makes steering and turning around an easy matter. This equipment is also interchangeable with the front wheels so that the outfit is really a combination Tractor and Road-Roller.

The 25-50 H. P. Avery Road-Roller-Tractor is furnished in either of two ways—with regular steel rim rear wheels similar to the rear wheels shown in the illustration of the 45-65 H. P. Tractor on the next

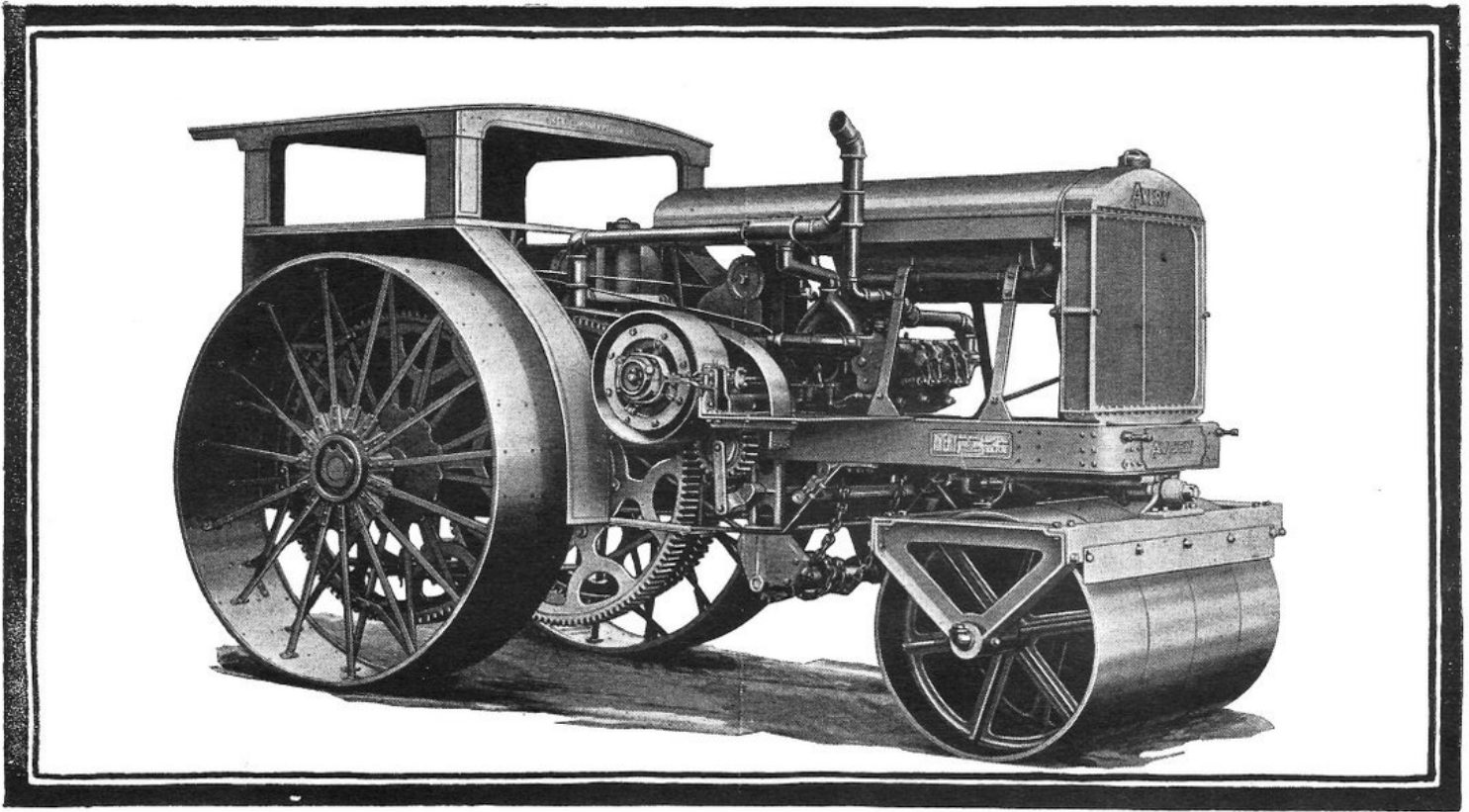
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IT PAYS TO AVERY-IZE

Farming ~
Threshing ~

TRACTORS

~ Road Building
~ Hauling



Improved Avery 45-65 H. P. Road-Roller-Tractor

(Continued from preceding page)

page or with the extra heavy rear wheels with cast rims as shown in the illustration of the 25-50 H. P. Tractor on the opposite page. When equipped with the cast rim rear wheels, the 25-50 H. P. Avery makes an ideal ten-ton roller, thus offering a machine with the required weight and also one that can be easily handled.

The Improved Avery Road-Roller-Tractors have the same motors and exclusive features as are found in the regular Improved Model Avery Tractors of similar size. They are also painted the new colors Gray with red wheels and rollers.

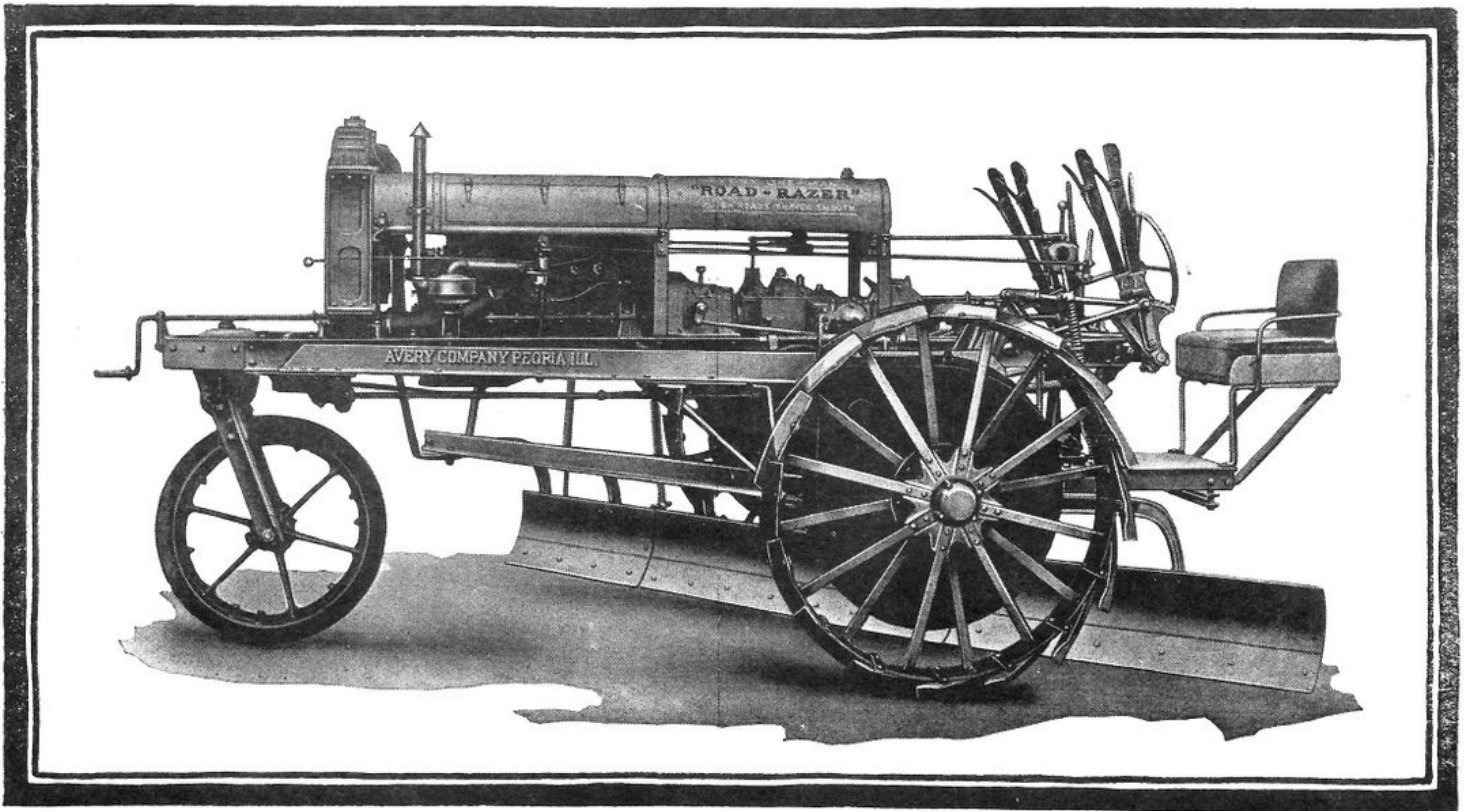
The advantages of doing road work with this kind of tractor are many—so many in fact that we

cannot relate all of them here. The chief advantage, however, in using this equipment is that when building a dirt or gravel road, by rolling and packing it from sub-soil to top surface at the same time the grading is done, there results a more smooth surface road which is immediately available for traffic, is hard enough to be rain-resisting and is compact enough to withstand the penetrating action of the passing vehicles.

The use of the Avery Road Tractor or Road-Roller-Tractor together with the Avery "Road-Razer", described on the next page, is a combination that is unbeatable for the economical building and maintenance of unpaved roads and streets.

IT PAYS TO AVERY-IZE

Farming ∞ **TRACTORS** ∞ *Road Building*
Threshing ∞ ∞ *Hauling*



Improved Avery "Road-Razer"

THE Avery "Road-Razer" is a self-contained unit, a self-propelled machine, operated by one man, designed especially for the maintenance of unpaved roads and streets in summer and keeping both paved and unpaved roads and streets free from snow in winter.

Guaranteed to maintain unpaved roads and streets cheaper, better, easier and quicker than any other machine or method, this fact has been proven true time and again by the very large number of State Highway Departments, Counties, Townships, Cities, Towns and Contractors who are using from one to a dozen of them.

The Improved Model Avery "Road-Razer" has a combination of exclusive features that is

found in no other machine—a combination that is essential if the work of maintaining unpaved roads and streets is to be done in the best way, the quickest way and at the least cost.

These features are: Self-Contained Unit, power-plant and blades in one machine; One-Man Outfit; Three-Wheel Outfit, making turning around instant at the will of the operator; Power-Lift, Wide, Flexible Blade that raises or lowers instantly with a trip of the lever without changing the adjustments of the sections; Angularity of the Blade Changeable for moving dirt or the removal of snow; Compression Springs on the blade; Enclosed Gears and Ball Bearing equipped throughout; Improved Ball Bearing Turntable on front wheel; Larger Capacity Fuel Tank; Platform and Comfortable Cushion Seat; and Powerful Six-Cylinder Motor. Regular equipment includes muffler, handy tool box, drawbar and many other refinements. Painted Gray throughout with red wheels.

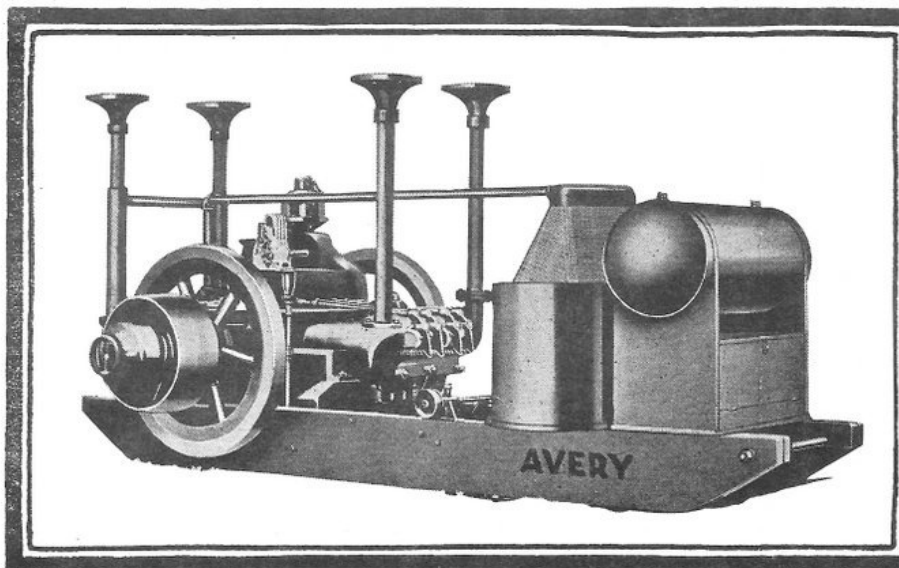
This machine is fully and strongly guaranteed and sold-on-approval with no settlement until the buyer is satisfied.

IT PAYS TO AVERY-IZE

Farming ~
Threshing ~

TRACTORS

~ Road Building
~ Hauling



Avery Skid Motors are built in four cylinder 35, 50 and 65 H. P. sizes; they are particularly adapted for both farm and industrial purposes.

that burn kerosene; a governor of the reliable steam engine type; high tension magneto; renewable inner cylinder walls; adjustable main crankshaft bearings; extra large drop-forged connecting rod bearings; practically unbreakable crankshaft; and are valve-in-head type.

A very large number of these motors have been sold and are in continuous use. Their owners are well satisfied as is proven by the many repeat orders which we have received.

Avery Skid Motors and Steel Tanks

FOR those who desire a simple, durable and efficient skid engine where low first cost and economy of operation and upkeep with continuous reliability are desired, the Avery Skid Motor is just the engine for their requirements.

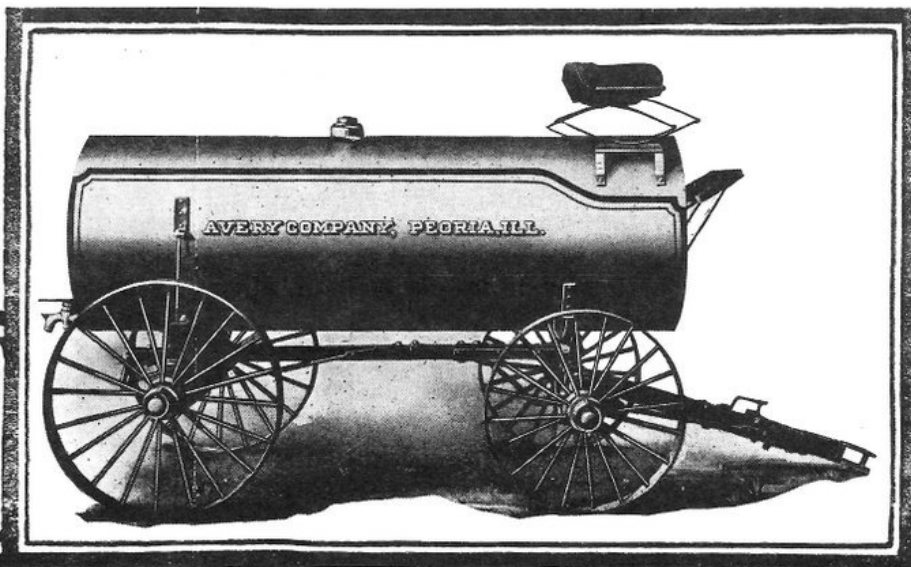
On the farms these engines are being used for such belt work as feed grinding, corn shelling, pumping water, irrigating, threshing, silo filling, baling hay, etc. For industrial purposes they are being used in sawmills, factories, foundries, mines, contracting jobs, machine shops, garages, mills, quarries, grain elevators, etc.

They have more original and exclusive features than any other motor built; gasifiers

The Avery Line of steel tanks for fuel, water or combination are also another source of profitable sales for Avery Dealers. They may be furnished with one, two or three compartments, mounted on our regular steel tank trucks or unmounted with bolsters for mounting on an ordinary wagon gear.

They are built with 15 barrel capacity. We also have a tractor tender which is the handiest made. This is furnished in 7 barrel size; has two equal compartments with faucet in each while on top is a cradle for carrying a barrel of oil.

Both tanks are finished and painted in nice style—are strong, light, durable and overcome all the disadvantages of a wooden tank.



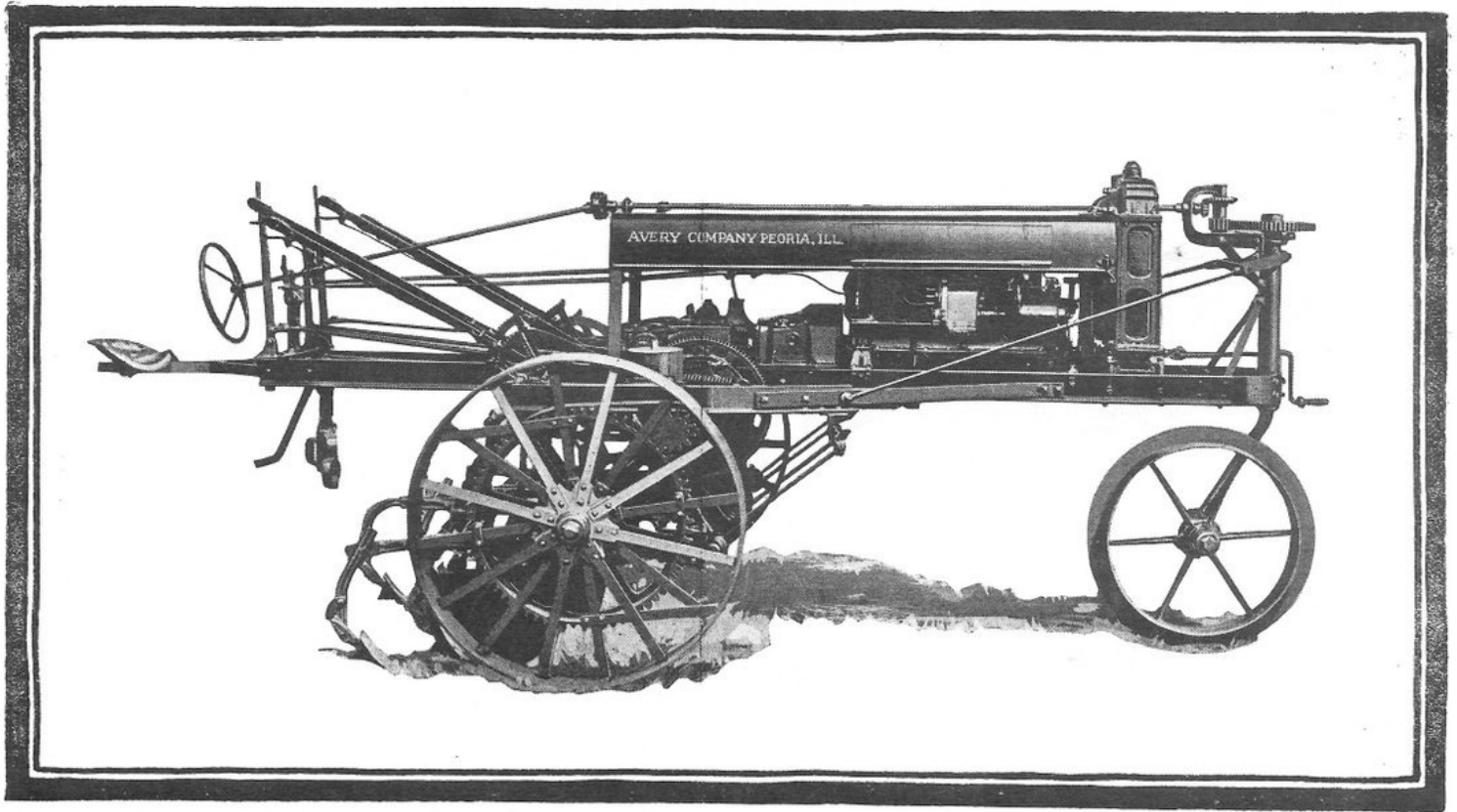
Avery Steel Tanks for fuel, water and combination. Two sizes: 15 barrel steel fuel and water tanks; 7 barrel small tractor tender.

IT PAYS TO AVERY-IZE

Farming ~
Threshing ~

TRACTORS

~ Road Building
~ Hauling



Avery Motor Cultivator

THE Avery Motor Cultivator is the most useful machine ever made for farm work. It is *more* than a tractor—*more* than a motor cultivator. This Avery all-purpose machine is a wonderful *combination* of both—the most versatile farm power machine ever made.

With it such row crops as corn, listed corn, cotton, beans, peas, beets, potatoes, etc., can be cultivated. Then corn, cotton, beans and other similar crops can be planted with the same machine by using a special planter attachment. It pulls a two-bottom plow, a disc harrow, and does other kinds of field work, as well as belt work

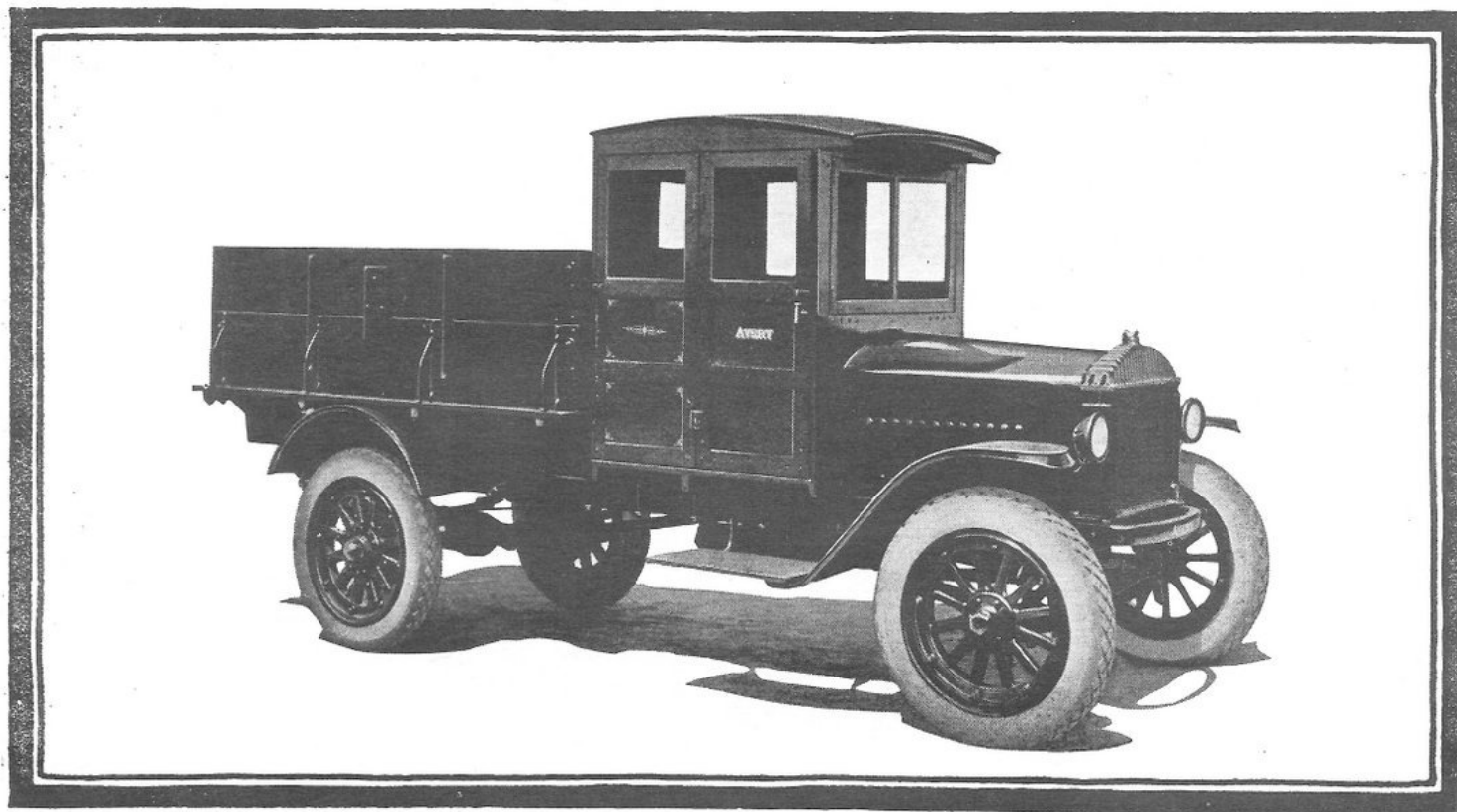
such as feed grinding, baling, sawing wood, pumping, filling a silo, operating a small thresher, etc.

In handling row crops, a great deal more than one man ordinarily handles with animal power can be done and that, too, with less hard work and effort. It is the practical power unit for all-around work on any size farm where corn, cotton or other row crops are raised.

More than half the acreage of all crops raised throughout the United States are row crops and require cultivating. The Avery Motor Cultivator is, as yet, the only successful machine of its kind built.

IT PAYS TO AVERY-IZE

MOTOR TRUCKS



Avery Motor Truck

THE Avery Motor Truck was designed and built with the idea of enabling the farmer to completely motorize or better still **Avery-ize** his farm work by offering him dependable motor power as a solution to his haulage problems. It is adaptable to both country and city hauling. It is the popular 1 to 1 $\frac{1}{4}$ -ton size.

Through the entire construction of the Avery Motor Truck, it has only the highest quality units: powerful six-cylinder Avery motor; dry multiple disc type clutch; Avery Torbensen internal gear drive rear axle; three speed selective gear transmission; chrome vanadium steel springs and Ross Steering Gear.

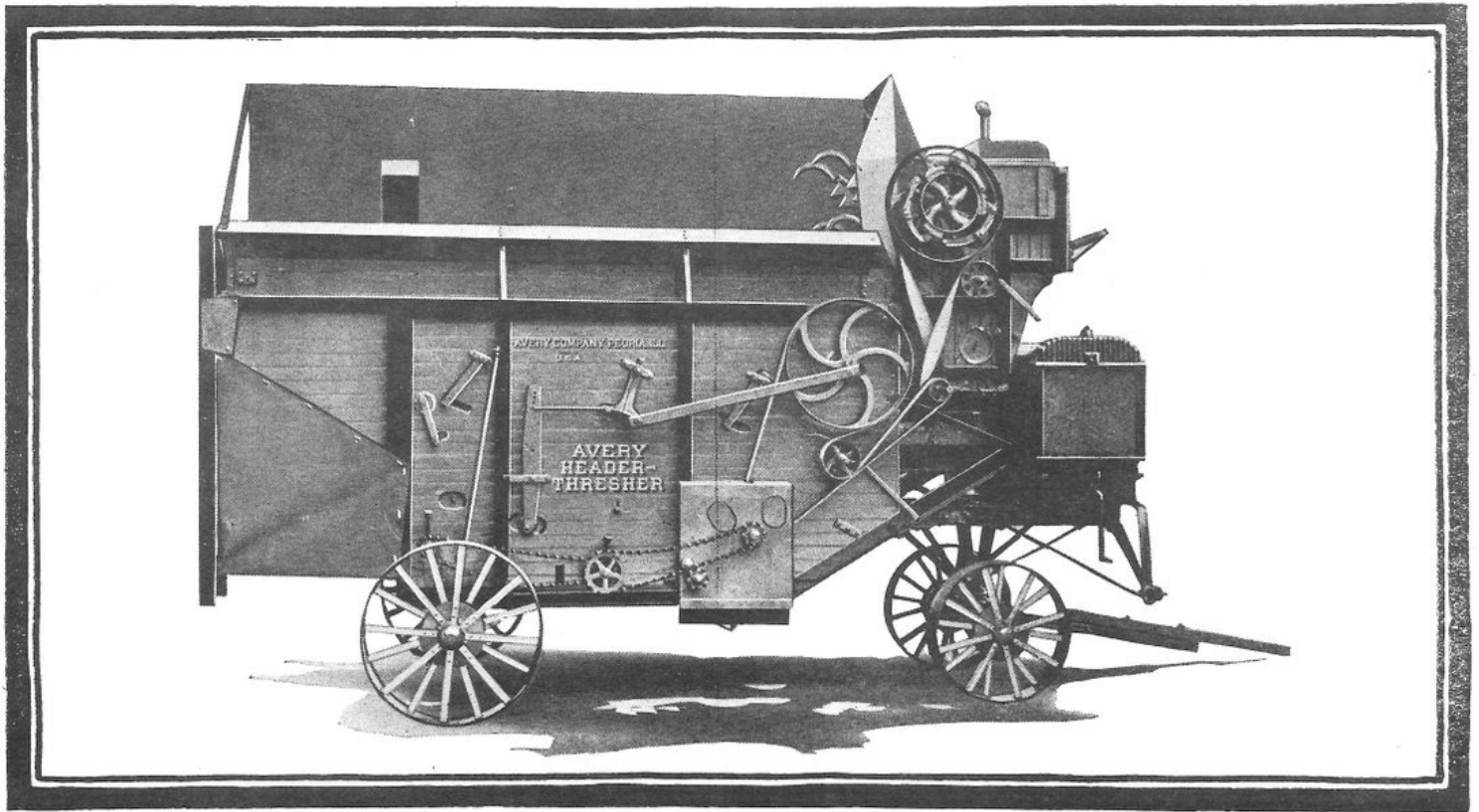
The regular equipment at no additional expense includes Pneumatic Cord Tires all around, Alemite Lubricating System, Electric Lights and Starter, Willard Truck Type Storage Battery, Klaxon Horn, Double Bulb Head Lamps, Tail Lamp with License Bracket, and an extra demountable rim.

The Avery Motor Truck is sold chassis only, chassis with all-weather cab, or complete with cab and a choice of various styles of bodies. The price of the Avery Truck is low; it is in keeping with the Avery Company's usual practice of giving the most value per dollar possible. This you will readily recognize when looking over more closely the various high-class units embodied in this truck.

Already a large number of these trucks may be seen on the road. Their owners will tell you that the Avery Motor Truck is destined to be one of the leaders in the truck field because of its ability to perform satisfactorily under all conditions.

IT PAYS TO AVERY-IZE

THRESHERS



Improved Avery "Header-Thresher"

HERE is another of the "wonder" units in the Avery Line—the Improved Avery "Header-Thresher"—the machine that solves the harvesting-threshing problem in the headed wheat belt.

No machine ever before invented was ever as well adapted for the work for which it is intended, namely, the harvesting and threshing of headed wheat in one operation. None have had a more thorough try-out under the worst possible field conditions and it is now an absolute and guaranteed success. By the many hundreds who have used it and seen it in operation, it is acknowledged to be the BEST machine built in the harvesting and threshing machine line since the days of the binder.

It harvests more acres per day; saves more grain per acre; saves time, labor, money and twine; makes

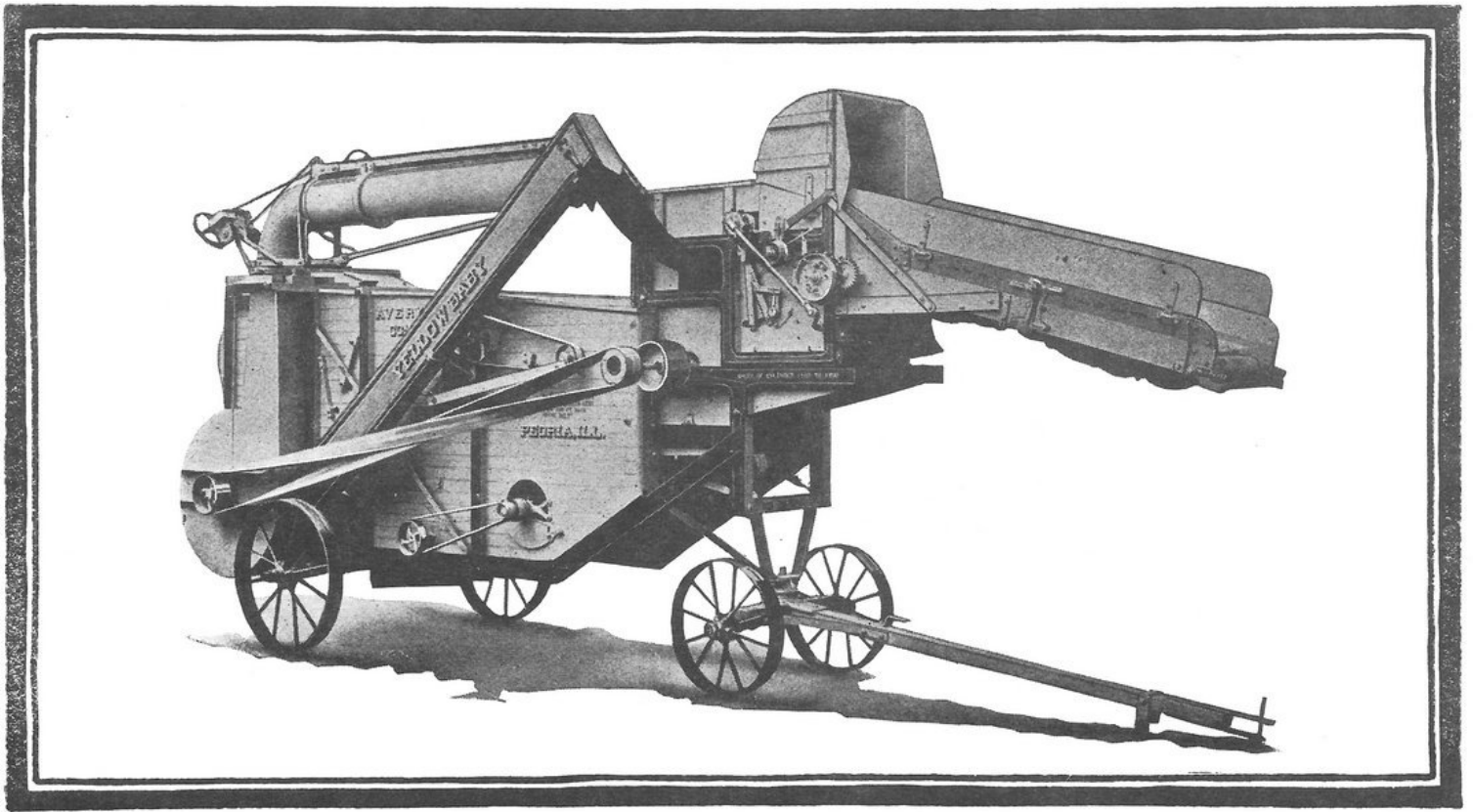
its owner as independent in handling his crop as he was in planting it, thus solving his harvest hand problem.

The Avery "Header-Thresher" also makes it possible to take advantage of the climatic conditions that prevail during harvest. As the crop begins to ripen, the owner starts cutting with his binder—then he can go in with his header and cut and stack—then when the grain is ripe enough to cut and thresh at one operation, he finishes the job with his Header-Thresher. Following this, he can then use his Header-Thresher to thresh out his bundle and stacked grain, as this machine is so built that it does this work as successfully as it can be done by any large custom threshing rig. The machine can also be supplied with a special attachment for handling row crops.

The Improved Model Avery "Header-Thresher" has many new and important features.

IT PAYS TO AVERY-IZE

THRESHERS



Avery "Yellow-Baby" Thresher

THE demand for a small, light-weight individual separator that can easily be transported from one place to another and having a capacity adapted to such farms as cannot be reached by or cannot economically use a large grain thresher, has been admirably filled by the little Avery "Yellow-Baby" Thresher shown here.

It is designed especially for individual use and small runs. It is a 22-inch cylinder, 32-inch separator, and has a capacity of about 30 to 50 bushels of wheat and 50 to 80 bushels of oats per hour, and other grains accordingly. With it one can do his own threshing and that of a few neighbors if he desires.

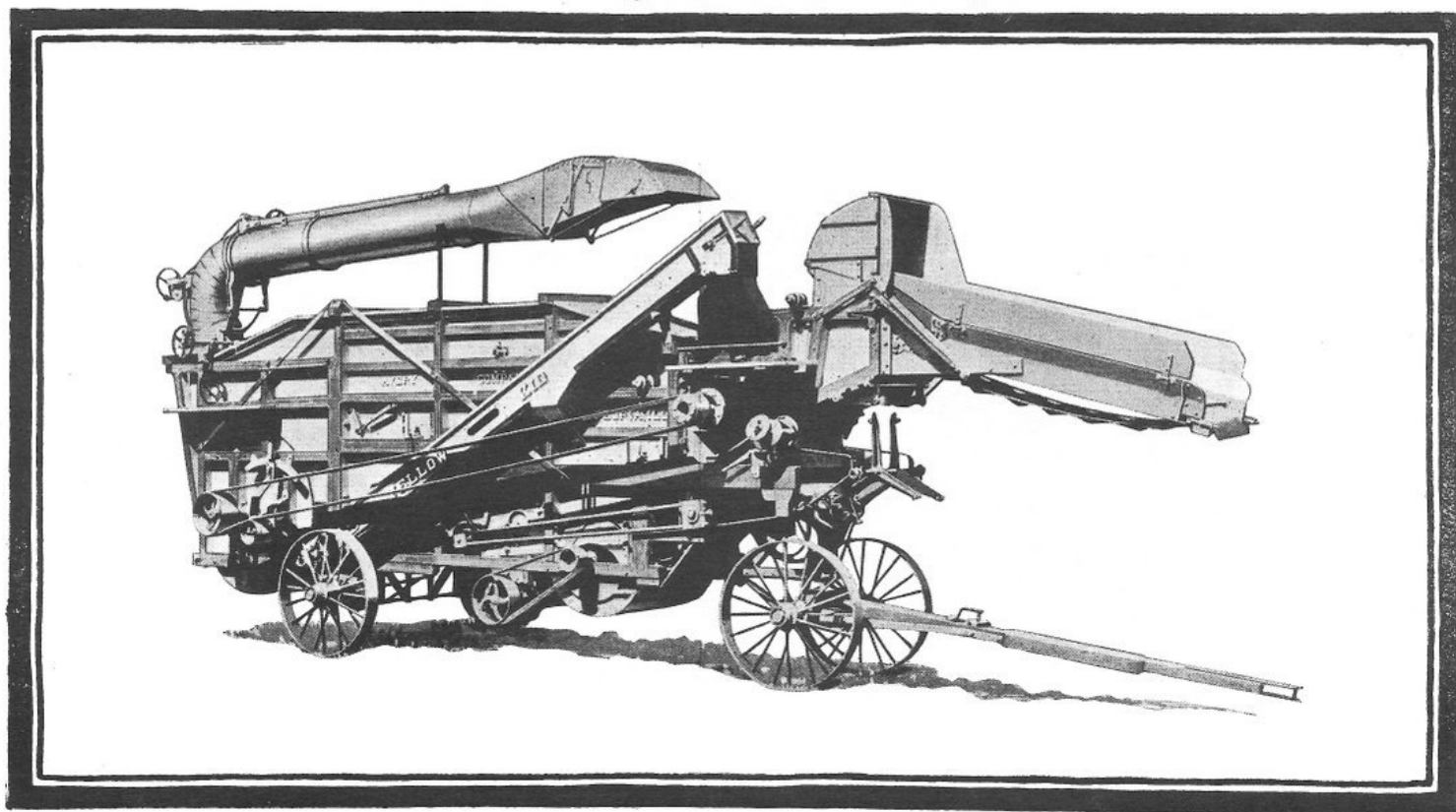
This machine can be equipped with either hand-feed or self-feed and with common or wind-stacker as wanted. It is extremely light running.

This little separator is different from the ordinary small separators in this regard—it is well built and strong throughout, like larger machines, is a real grain-saver and has a very large number of special features, including the Guaranteed-for-Life Cylinder Teeth, I. X. L. Grain Saving Device and Anti-Friction Bearings on the cylinder and windstacker-fan shafts. It also has many other features such as a slip tongue, steel axles, adjustable sieves, etc.

This little Avery "Yellow-Baby" Thresher, with a small Tractor makes an ideal small threshing outfit for individual use or for small runs, and it sells at an attractive price.

IT PAYS TO AVERY-IZE

THRESHERS



Avery "Yellow-Kid" Thresher

THE world-wide reputation of Avery "Yellow-Kid" and "Yellow-Fellow" Threshers (pictured on this and the opposite page) as grain-savers and grain-cleaners is such that we believe everyone who farms and threshes knows full well about it.

Avery "Yellow-Kid" and "Yellow-Fellow" Threshers are the money-makers and job-takers for threshermen and grain-savers and grain-cleaners for farmers. It pays threshermen to get an Avery Separator to thresh with and it pays the crop-raiser to have an Avery thresh for him.

Avery "Yellow-Kid" Threshers are built in two sizes—20x30 and 24x36-inch, while Avery "Yellow-Fellow" Threshers are built in 24x40, 28x46, 32x54 and 36x60 inches. Both the "Yellow-Kid" and "Yellow-Fellow" sizes may be equipped with either hand or self-feeders and with common or wind-stackers.

Avery Separators have five distinct advantages over other makes of grain threshers.

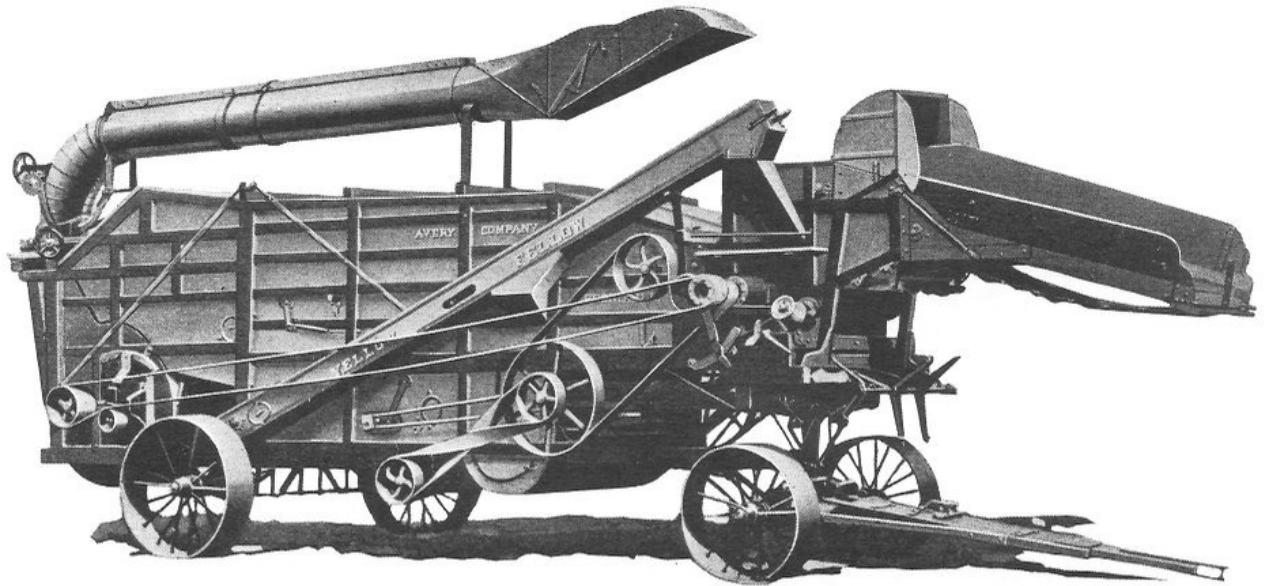
First, they have the best combination of threshing parts, big teeth, heavy cylinder and adjustable concaves and grates, to get the grain out of the heads that can be found in any machine.

Second, they have a wonderful combination of separating parts, moving grate under beater, toothed racks and I. X. L. Separating Device, that get the

(Continued on next page)

IT PAYS TO AVERY-IZE

THRESHERS



Avery "Yellow-Fellow" Thresher

(Continued from preceding page)

loose grain out of the straw so well that Avery Separators have made the best grain-saving field tests and are backed by the strongest grain-saving guarantee of any machine.

Third, they have a combination of cleaning parts that clean the grain so well that elevator men say they can tell the grain they receive from Avery Separators because the chaff and dirt are so well removed.

Fourth, they have features which make them easier to operate and longer lived than others.

Fifth, they are extra light running as they have Anti-Friction Bearings on the Cylinder and Wind-stacker-Fan Shafts.

These are the reasons why Avery's get the grain

out of the head better—why they save the grain better and why they clean the grain better than any other separator.

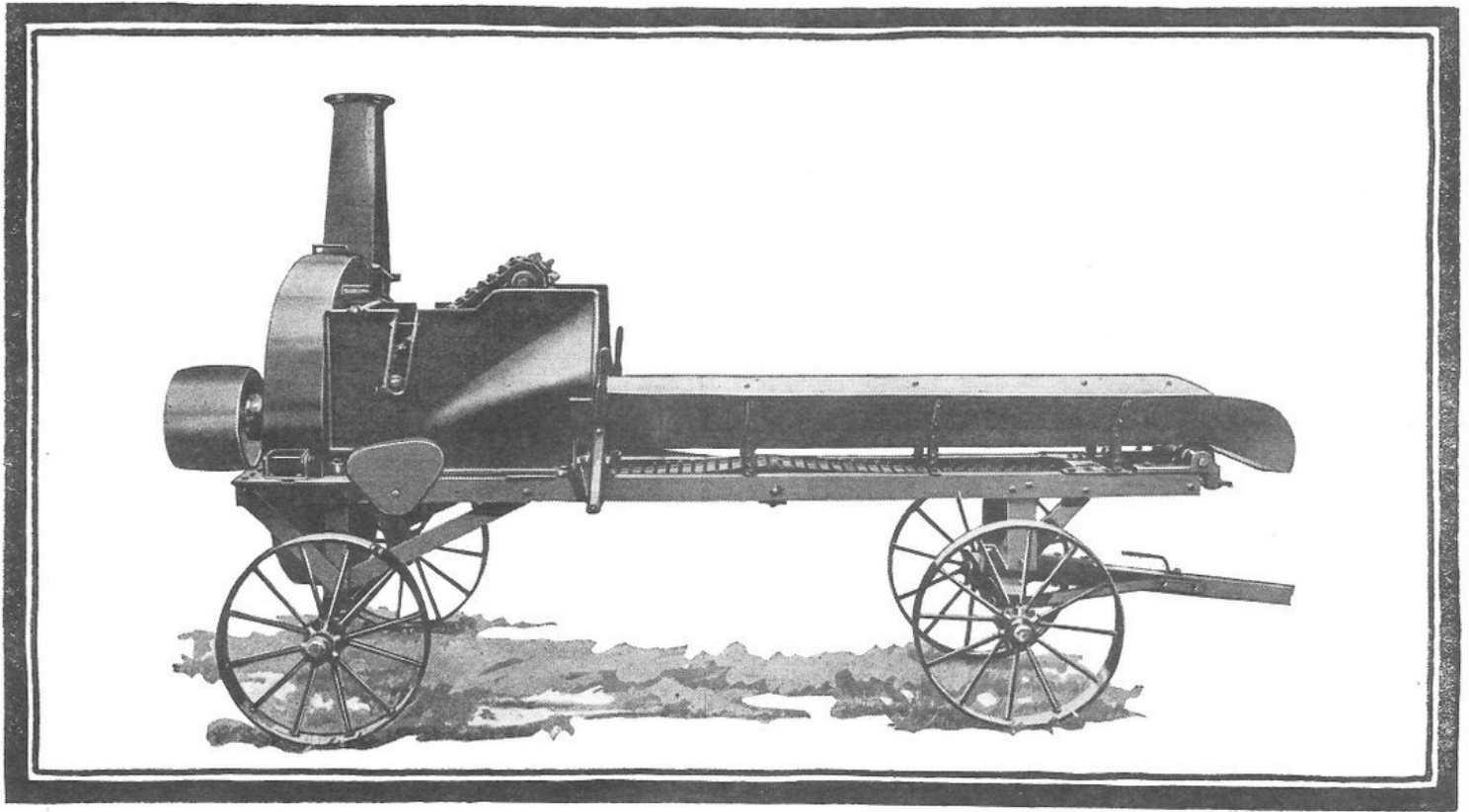
The cylinder teeth are made of genuine razor tool steel and are guaranteed-for-life against breakage.

In 27 actual field tests threshing on canvas Avery Separators saved 99.9 per cent of the grain threshed—practically perfect—the best record of grain saving ever made. That's why Avery Separators are backed by the strongest definite grain-saving warranty given with any make of separator.

When all these facts are known, is it any wonder Avery Threshers in both the "Yellow-Kid" and "Yellow-Fellow" sizes are so popular?

IT PAYS TO AVERY-IZE

SILO FILLER



Avery Silo-Filler

IN THE Avery Line is included the Avery Silo-Filler, one of the best made, which combines light weight and durability with large capacity.

The all-metal features of this machine are worth genuine consideration. The main bearings being of the roller type the machine runs with remarkable ease.

Some of its features are: Low down feed table, wide throat, boiler plate flywheel and easy adjustment of knives and flywheel. It is also convenient to work around as the tongue can be turned under the machine itself which permits teams to drive closely to it and eliminates the necessity of taking off the tongue at each setting.

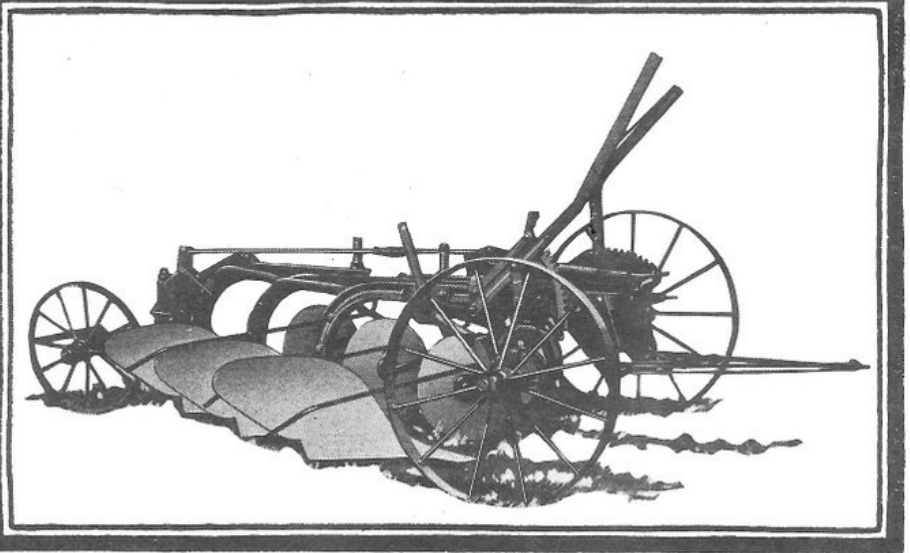
It has large capacity—8 to 10 tons per hour, depending on the power used. Regularly equipped with pulley 10-inch face and 14-inch in diameter unless otherwise specified. Its normal speed is 1,000 revolutions per minute. We can also furnish galvanized iron blower pipe, 7½-inch diameter, with strong malleable iron flanges, in various lengths of 1, 2 or 5 feet, at a reasonable price, as well as distributor pipe. Distributor elbow is furnished regularly.

As every progressive farmer of today recognizes the necessity of obtaining feed containing the highest feeding value at the lowest possible cost and as ensilage is undoubtedly the best and cheapest feed that can be produced, the number of silos throughout the country is increasing each year. This fact and the unusual merits of the Avery Silo-Filler make it a decided farm power asset which can be used to advantage not only on one's own farm, but for custom work as well.

IT PAYS TO AVERY-IZE

TRACTOR TILLAGE TOOLS

Three Bottom Avery Light "Power-Lift" Tractor Plow. Also built in 2, 4 and 5 Bottoms. Equipped with either 12-inch or 14-inch Bottoms.



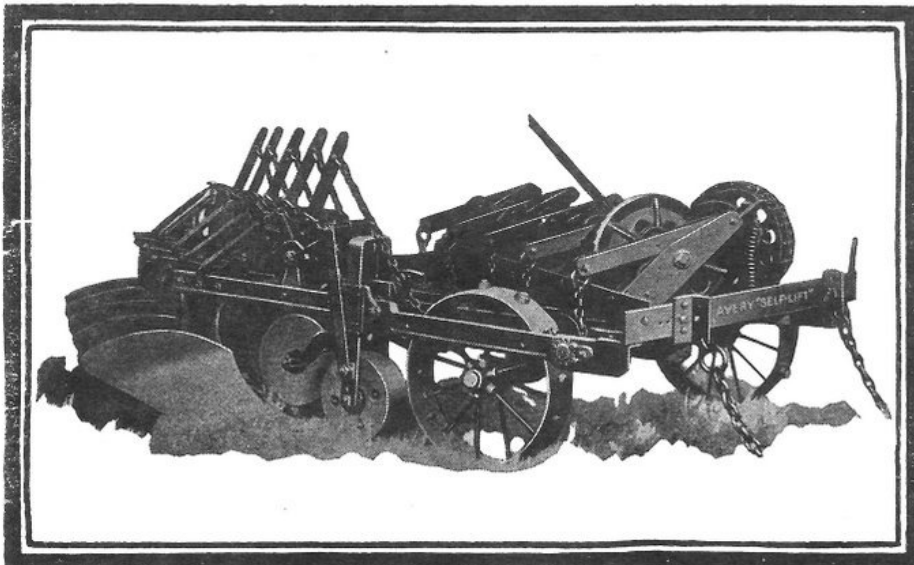
Avery Light and Heavy Self-Lift Moldboard Plows

THE Avery Line also includes a complete line of Tractor Tillage Tools. On this page we show Avery Light and Heavy Moldboard Plows. The Avery Light Power-Lift Tractor Plow above does first-class work and is easy to handle. It has in its construction four essentials that a successful tractor plow must have. First: a safe margin of strength. Second: remarkable simplicity. Third: is extremely convenient to handle. Fourth: there is ample clearance to prevent clogging when plowing deep in trashy fields.

These plows are regularly equipped with rolling coulters, weed hooks and tractor hitch. Regular

equipment also includes a choice of breaker bottoms, Texas black-land, stubble, mixed land or turf and stubble. These plows are guaranteed to scour in any soil where any other moldboard plows will scour.

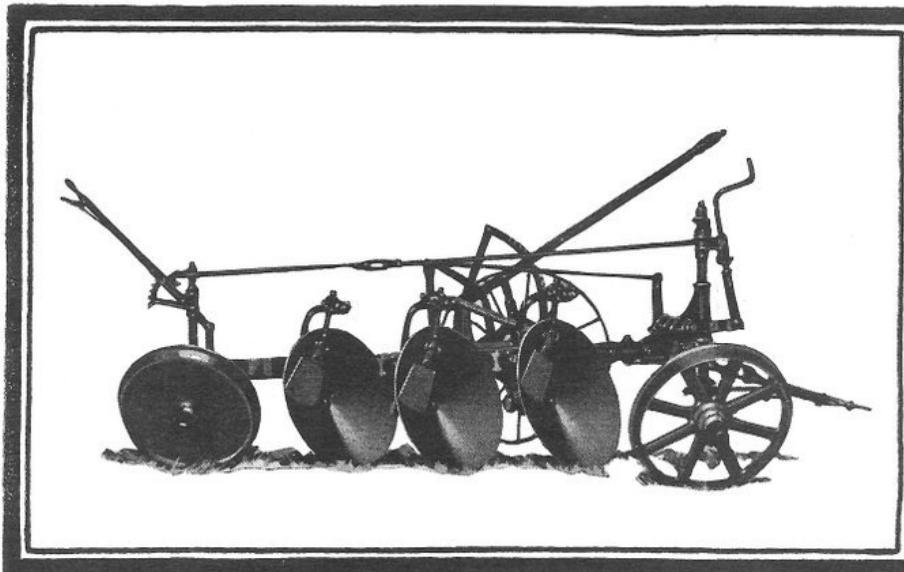
In the Avery Independent Beam "Self-Lift" Tractor Plow shown below, each plow is attached to the frame independent of the others. It is free to raise or lower according to the conditions of the ground and to follow its furrow without being affected by any other plow. This plow has unusual strength—each plow has double heavy beams spread at the front end to give a wide bearing where coupled to the frame. It may be pulled through ordinary rocky ground without danger of breakage or bending of the beam. The adjustments on the Avery "Self-Lift" Plow are also usually accurate. This and their many other splendid features make it the most popular heavy "Self-Lift" Tractor Plow built.



Avery 5-Furrow Independent Beam "Self-Lift" Plow. 3 and 4 Furrow Plows are also built in this style—the 6 and 8 furrow plows are mounted on four wheels.

IT PAYS TO AVERY-IZE

TRACTOR TILLAGE TOOLS



Avery Three-Disc "Power-Lift" Tractor Plow. Also built in 2 and 4 Disc sizes. Equipped with 24-inch Discs.

the plow. The entire plow is well designed and thoroughly constructed throughout with all parts, wheels and axles provided with a large margin of safety and strength.

The Sanders Tractor Disc Plows, one size of which is shown below, are light draft—do excellent work—and plow deep, pulverizing the seed bed

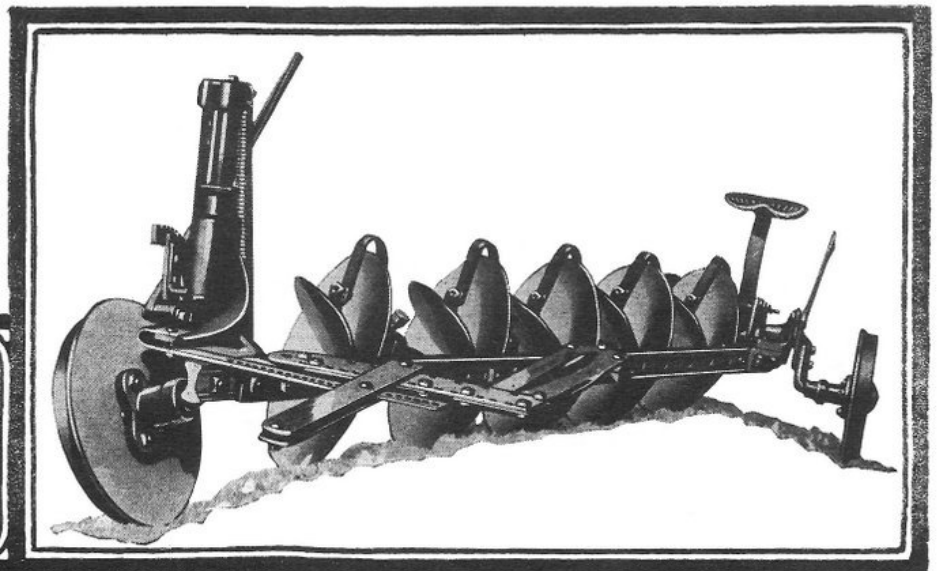
equal to one harrowing. They work in sticky or hard ground.

They are made in two types—a light tractor plow and regular traction engine type. Either one can be furnished with a "Power-Lift" if desired.

Sanders Plows have patent disc plow frames by means of which the beams can be bolted on at any point so that the disc can be set to cut any width of furrow. They have a self-guiding hitch, discs with patent countersunk seat and many other exclusive features. Regular equipment includes a 5-foot chain for attaching plow to tractor.

Avery and Sanders Tractor Disc Plows

THE Avery "Power-Lift" Tractor Disc Plow, shown above, is especially adapted for use in sticky, waxy gumbo and prairie soils, in old or stubble lands or wherever deep plowing is desired. It has many desirable features. The tilt of the disc may be changed easily to meet various soil conditions. The discs are equipped with an adjustable scraper blade. The plow itself is extremely short-turning. It is equipped with a simple power-lift device which has no chains or sprockets. The bearings on the disc are extra strong, give long service and greatly reduce the draft of



Sanders 5-Disc Regular Traction Engine Type Plow. Built with 2, 3, 4, 5, 6 8 and 10 Discs. The Sanders Light Tractor Plow is similar but lighter in construction. It is built with 2, 3, 4 and 5 Discs.

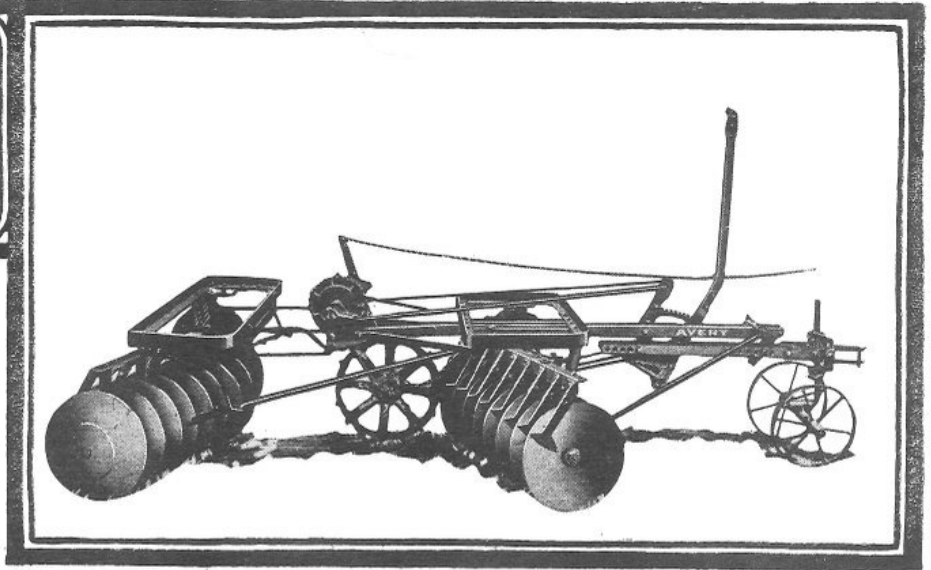
IT PAYS TO AVERY-IZE

TRACTOR TILLAGE TOOLS

The Greatest Improvement in the Tractor Disc Harrow Line that has ever been made. Built in 6, 8 and 10-foot widths with 16-inch Discs.

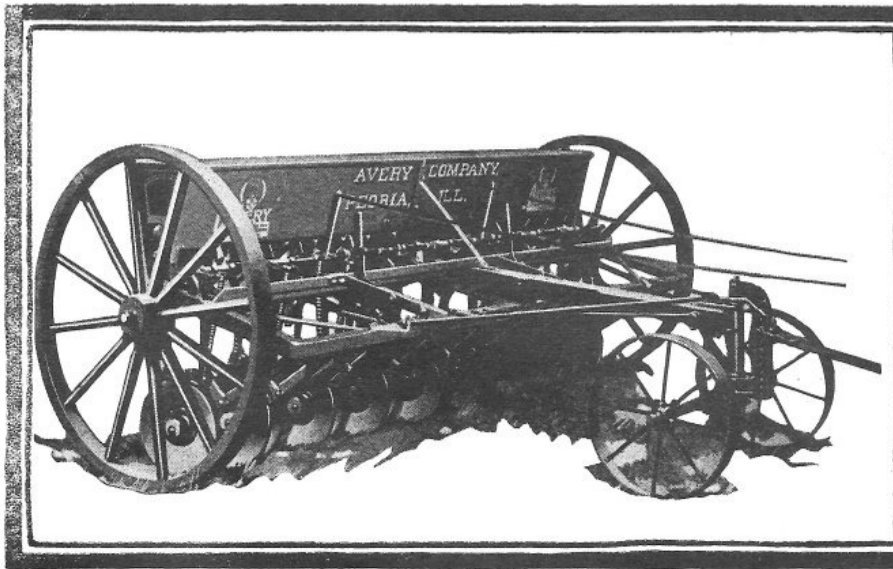
Avery Tractor Disc Harrow and Tractor Grain Drill

HERE we show two of the best tillage tools designed for use with the tractor. Above is the Avery "Self-Adjusting" Disc Harrow in which the angularity of the discs is regulated by merely setting a floating lever and then by pulling a cord the discs adjust to the angle desired. The operation is all done by the self-adjusting device, and while the tractor is traveling ahead. This is the first disc harrow of its kind. It has many advantages: Headlands are left level and in fine condition for planting; it avoids the waste of power which results when turns are made at the ends of the field with the discs in working condition.



With this disc harrow, the tractor outfit becomes a real one-man outfit. Regular equipment includes Tractor Hitch, and Weight Pans on front gangs.

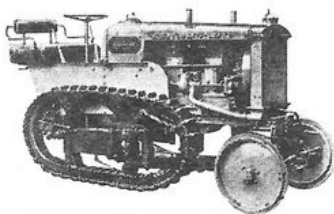
Below we show the Avery "Power-Lift" Tractor Grain Drill—the drill that has a patented shoe which assures a more uniform stand and results in more and better grain per acre. This patented disc shoe is a combination disc and shoe. It embodies the single disc for opening the furrow and the shoe for forming the furrow and properly depositing the grain. It sows accurately oats, rice, corn, peas, beans, wheat and flax without bunching seed. It also has such other features as a multiple gear on the drill axle which regulates the amount of grain sown, from two pecks to five bushels per acre; wood-pin break which holds the worm in operative relations to the sleeve and the drive-shaft; and simple "Power-Lift" Device.



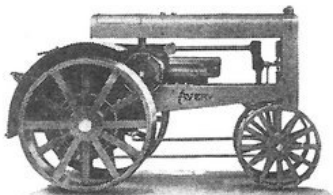
Built in 8 or 10-foot widths with either wood or steel wheels as desired. Furnished with or without tongue truck.

IT PAYS TO AVERY-IZE

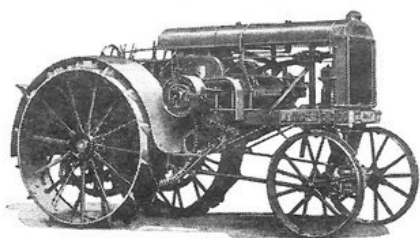
TRACTORS - for FARMING, THRESHING, HAULING, and ROAD-BUILDING



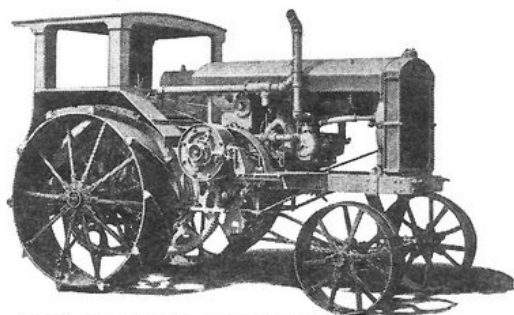
Avery "Track-Runner"



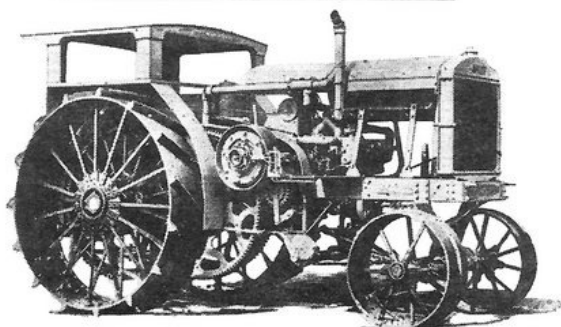
New Avery 15 H.P. Tractor



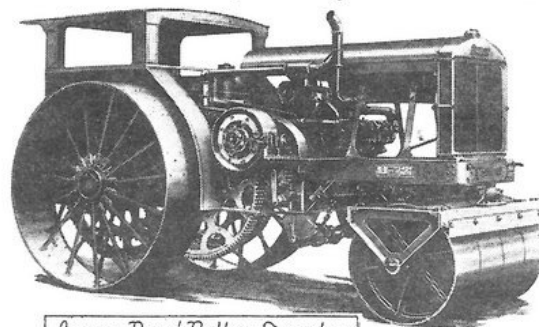
Improved Avery 20-35 H.P. Tractor



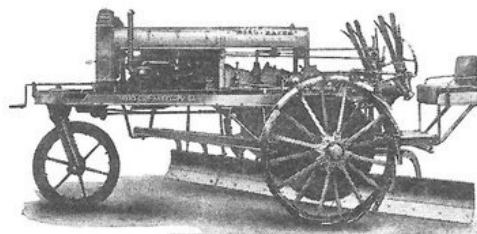
Improved Avery 25-50 H.P. Tractor



Improved Avery 45-65 H.P. Tractor



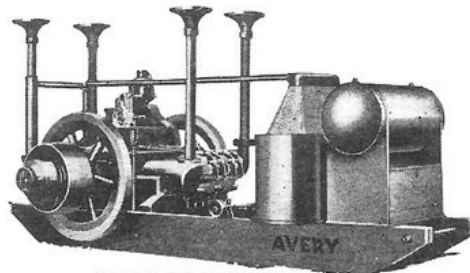
Avery Road-Roller-Tractor



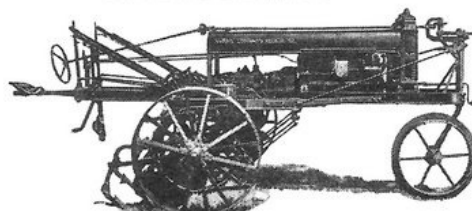
Improved Avery "Road Razer"



Avery Motor Truck



Avery Skid Motor



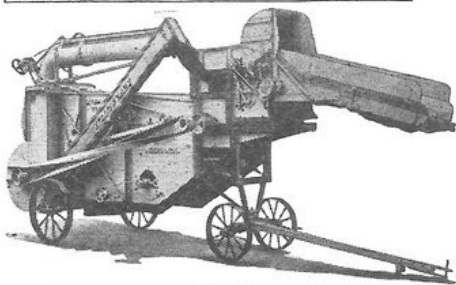
Avery Motor Cultivator

IT PAYS TO AVERY-IZE

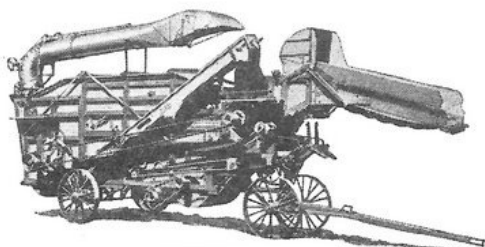
TRACTOR-DRIVEN MACHINERY



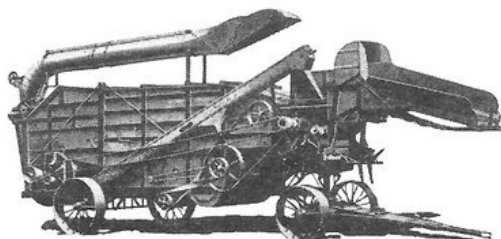
Improved Avery "Header-Thresher"



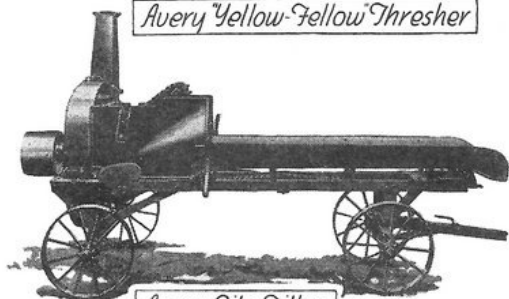
Avery "Yellow-Baby" Thresher



Avery "Yellow-Kid" Thresher

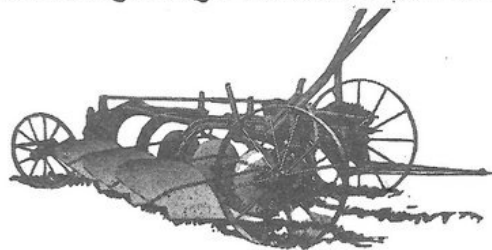


Avery "Yellow-Fellow" Thresher

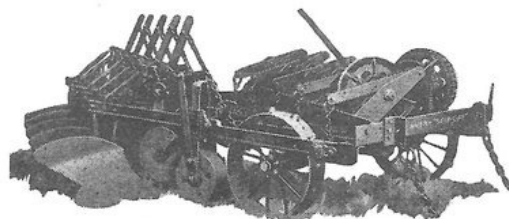


Avery Silo-Filler

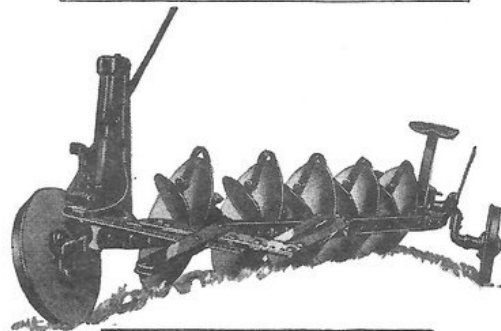
TRACTOR-DRAWN MACHINERY



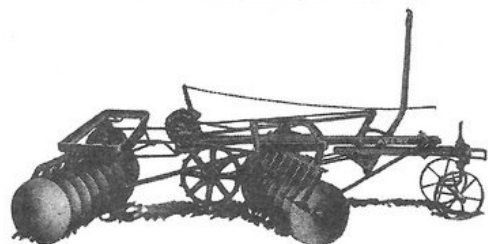
Avery Light Power-Lift Moldboard Plow



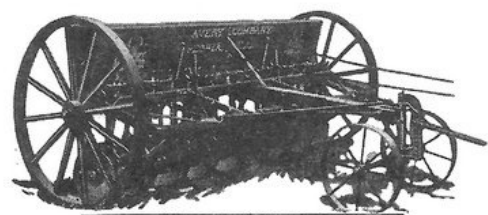
Avery Heavy Self-Lift Moldboard Plow



Avery and Sanders Disc Plows



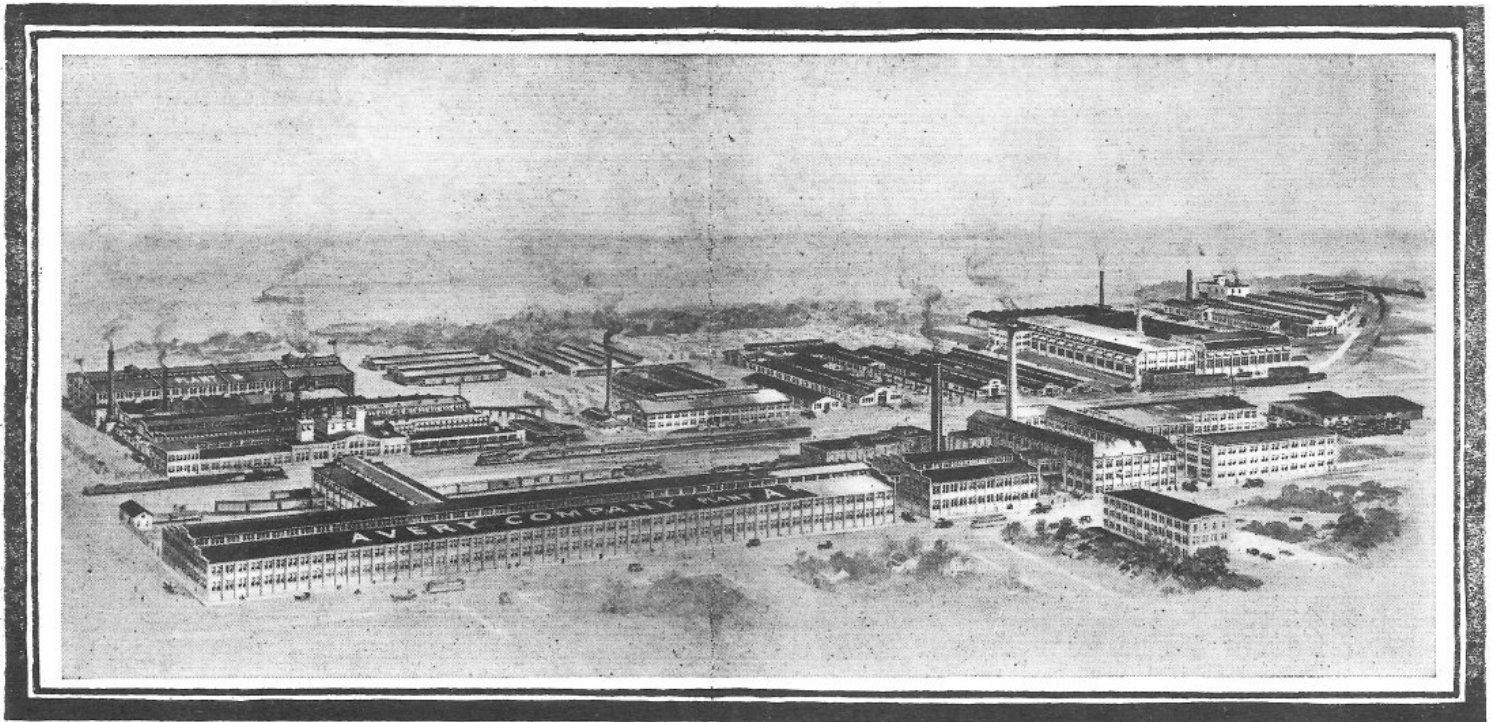
Avery Self-Adjusting Disc Harrow



Avery Power-Lift Grain Drill

IT PAYS TO AVERY-IZE

AVERY MOTOR FARMING, THRESHING, HAULING, AND ROAD-BUILDING MACHINERY



The Five Factors In a Business—and The Avery Company

IN DEALING with a company there are five factors which are of significance to consider—first, the financial history and strength of the company; second, the factory in which they build their machines; third, the machinery which they have to sell; fourth, the organization to market and manufacture that machinery; and fifth, the various systems under which they operate.

1. The Avery Company has grown from a small institution to an institution with assets of many millions. It has been a successful company throughout its history and promises to continue to be in the future, and to be therefore a company that a user can afford to tie to with assurance in buying Avery machinery.

2. The Avery Company has four large factories, three of them located at Peoria and one at Milwaukee. These factories are all modern and equipped with modern machinery, making it possible for the Avery Company to build good machines economically.

3. The line of machinery which the Avery Company now offers we believe to be by far superior to any line which we have ever offered before and to any line which is offered by any other company. The Avery line has always been known for its advanced design, but we have never made in any one year anywhere near as great advancement as we have made during the past year in developing the new and improved line. It not only contains new machines, but every older machine is improved in vital ways, making up a line which we believe to be the best on the market today.

4. We could not be more proud of the Avery line of machinery than we are of the Avery Organization. It is made up of men of character, ability and energy, men who are devoting their whole lives to and are specialists in the manufacturing and marketing of power farming, threshing and road-building machinery.

5. The systems which the Avery Company have adopted: selling plans, accounting, repair service, etc., have proven to be unusually efficient and satisfactory both to customers and the Company.

We believe that you will find the Avery Company to be efficient from the standpoint of every one of these five factors and pleasant and profitable to do business with.

IT PAYS TO AVERY-IZE