

**FERGUSON**

# **TRAIL BALER "12"**



**The Ferguson System  
of Mechanized Farming**

**BALE UP TO**  
**10 TONS**  
**PER HOUR**  
with this new  
**low-cost**  
**Ferguson Baler...**

Here's a standout baler value for the farmer who wants to be sure his *own* hay is baled when it's ready. With the new Ferguson Trail Baler "12," you can bale up to 10 tons per hour, yet keep your equipment investment low.

Quality hay calls for baling at the right time. And with a baler of your own, you eliminate the uncertainty of waiting for a custom operator who must fit your job into his schedule.

Low, compact and streamlined, the new Ferguson Trail Baler "12" is engineered for simple, trouble-free operation. Its low center of gravity assures greater stability on sidehills. Adjustments are not critical. This means that the machine will continue to turn out uniformly-packed, securely-tied bales under changing baling conditions.

The Ferguson Trail Baler "12" is simple to hook up, easy to operate, easy to adjust and to maneuver. The operator has excellent visibility. It is truly a "one-man" baler ...for the average-size farm...at a price that's right.



# FEATURES

## YOU'LL LIKE about the Ferguson TRAIL BALER "12"

Only one place to grease—once a year

Drive through 8-foot gates

Clean, gentle pickup from the windrow

Hay changes direction only twice

Accurate, dependable tying

Six different safety features

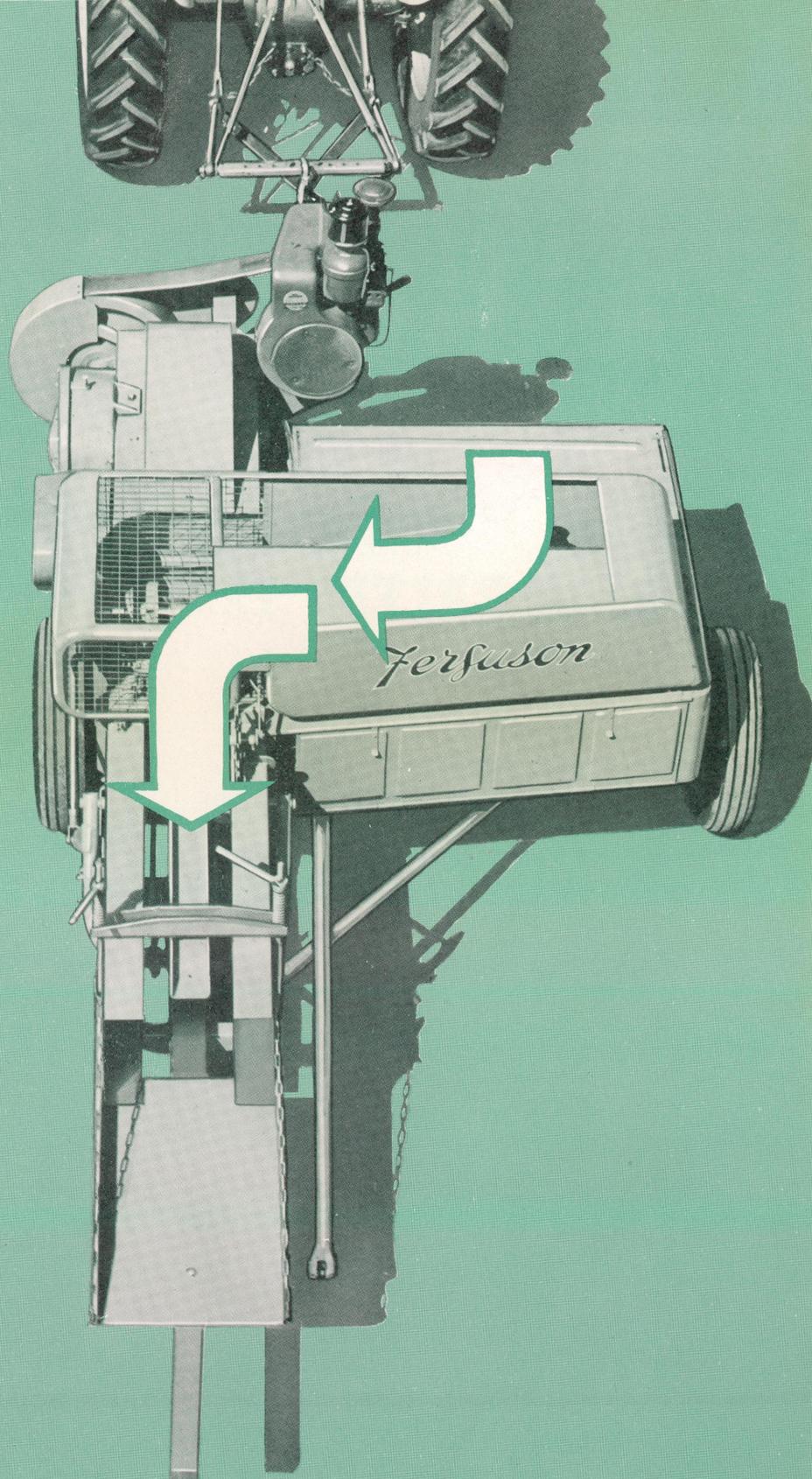
Choice of PTO or Engine drive



Hay  
changes  
direction  
ONLY  
TWICE

The greatest part of the feeding value of hay is in the leaves. It follows that a major purpose of any baler is to keep the leaves intact (prevent shattering) by keeping the number of handling operations as low as possible.

With the Ferguson Trail Baler "12," hay changes direction only twice—from the time the windrow is lifted from the ground until finished bales are produced. This reduces hay handling to a minimum...saves the precious leaves which contain most of the food...results in *quality* baled hay.



## Grease only one place... once a year!

There are no grease gun fittings on the Ferguson Trail Baler "12." Save valuable haying time that is ordinarily spent greasing equipment. Eliminate possible damage caused by failure to "get at" hard-to-reach grease points. Save on lubrication costs.

All moving parts on the Ferguson Trail Baler "12" are provided with either bronze oilite bushings, nylon bushings, sealed ball bearings or sealed needle bearings. Wheel bearings are packed with a special grease. Only seasonal inspection is required.

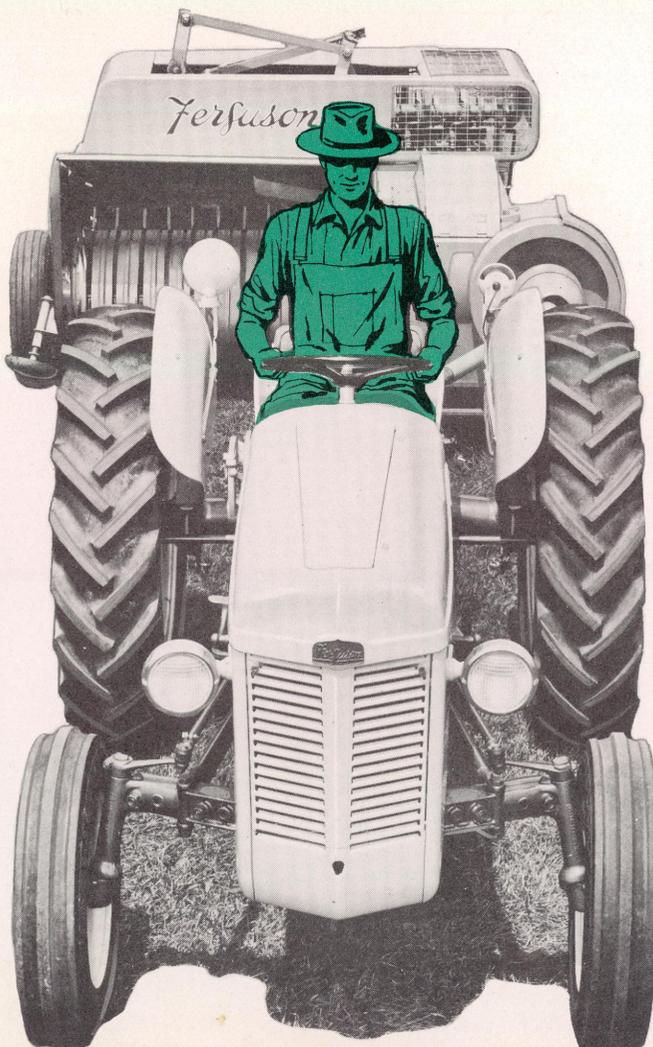
Seasonal greasing (or after every 50 hours of field work) is recommended only for the PTO drive universal joints.



### An Extra Load of Hay— Every Working Day

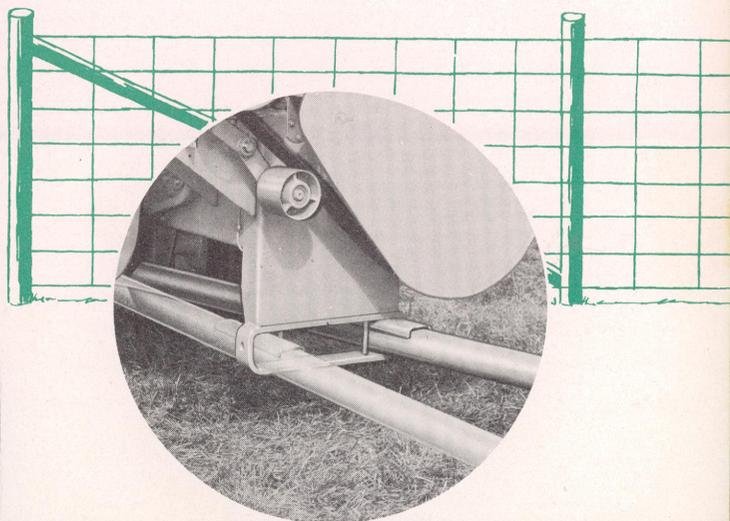
With the ordinary baler, you'll spend about 30 minutes of valuable working time each day greasing equipment. Now, with the new Ferguson Trail Baler "12," you can use that time to bale hay (an extra 3-5 tons in 30 minutes).

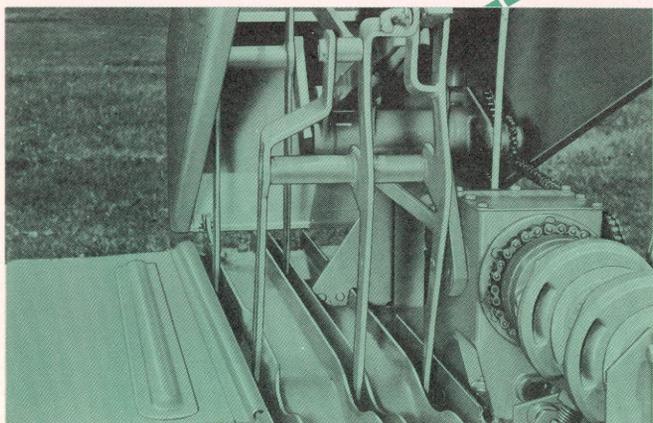
## Drive Through 8-Foot Gates!



You can slip through an 8-foot gate without unhooking from the Ferguson Trail Baler "12" which has an overall width of only 94 $\frac{3}{4}$  inches. You can move quickly with room to spare through gates of ordinary width. Highway travel is much safer, more convenient since no part of the baler extends very far to either the right or left of the tractor.

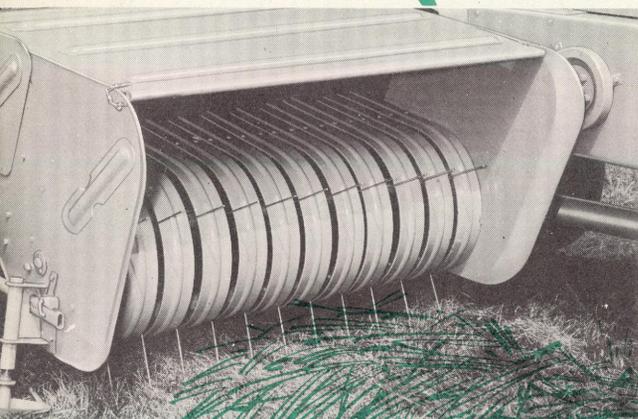
With the sliding tubular hitch moved to the right and pinned, the tractor is directly in front of the baler. You don't have to "ride the ditch" when meeting traffic on narrow roads.





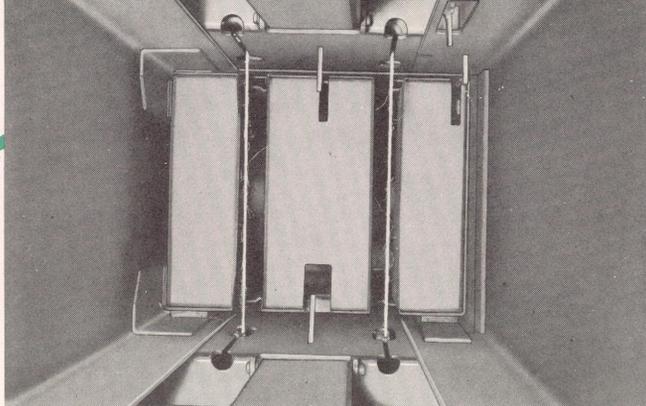
### Fast, Positive Feed

A 2-finger outer fork and a 3-finger inner fork (fingers staggered to give added capacity) quickly move hay from feeder deck to bale chamber. You can operate steadily at field capacity because a safety overload spring allows inner fork to deflect and avoid damage should overloading occur.



### Gentle Pickup

A counterbalance spring provides "floating action" for the pickup unit, assuring smooth, clean pickup. Tines carefully lift hay from the windrow, then retract through stripping bands. Pickup is 48" wide with flared sides for reaching all of the windrow.



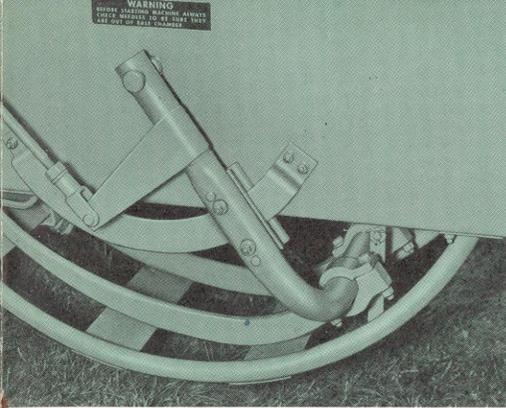
### Heavy Duty Plunger

Of spot-welded, heavy steel, the plunger normally moves with a 26-inch stroke at 70 strokes per minute. Knife on plunger matches shear plate at edge of feed opening to slice cleanly each charge of hay as it's compressed. Heat-treated steel plunger pads ride on steel runners. Adjustments made outside machine hold plunger side play to a minimum.

**SAFEGUARD  
HAY QUALITY  
WINDROW  
TO  
BALE**

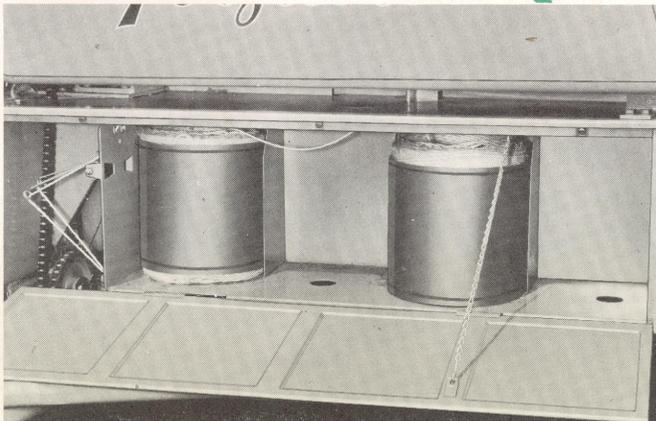
Here's the end result—a tight, well shaped, uniform bale. When the bale is opened, layers of succulent, leafy hay fall apart like slices in a loaf of bread.





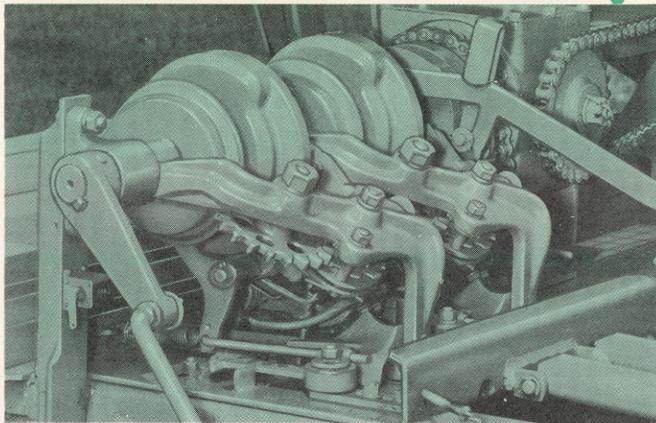
### Needles on Swing Frame

Tough, tubular swing frame (of adequate strength to support entire baler) protects needles which are located under chamber so that knotters can be conveniently located on top.



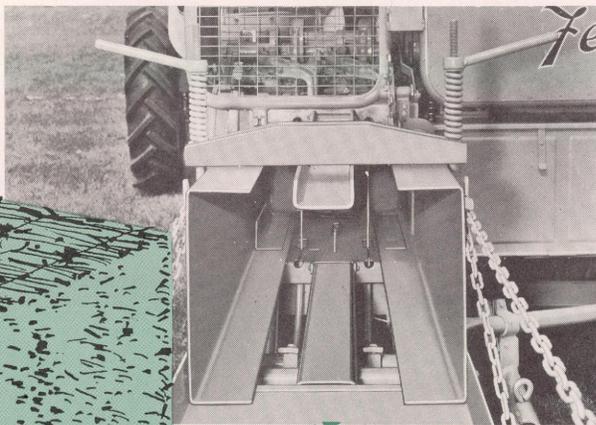
### Roomy Twine Box

Holds four balls (note room for two additional balls in photo). Easy to get at, easy to refill. Twine runs through porcelain guards to reduce wear.



### Dependable Tying

Simple knotter design assures consistent tying with a minimum of misses. Knotters are located above the bale chamber—away from accumulating chaff. Knotter frames may be swung upward for adjustment of knotter parts.



### Bale Density Control

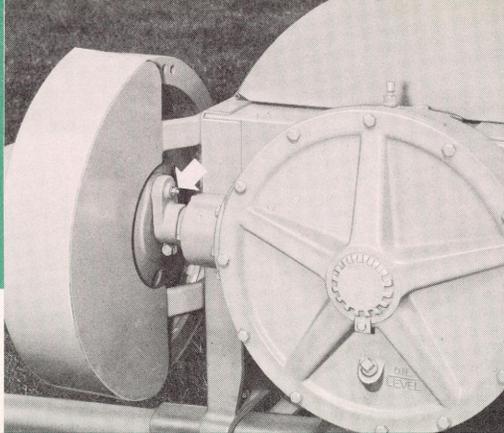
Turning the tension bars increases or decreases compression of the bale chamber on the bale, providing the necessary friction to control weight or density of the bale . . . gives you the kind of bales you want.

DS  
TY  
V

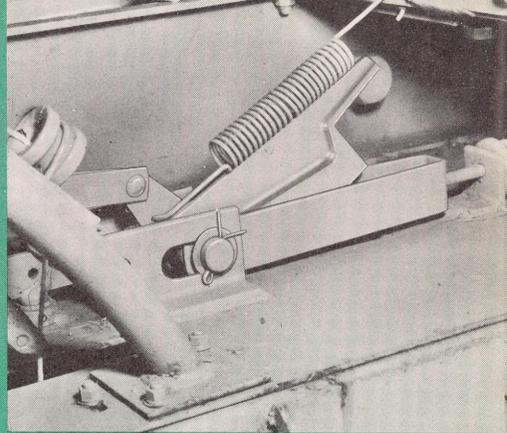
# SAFETY

...for  
the  
operator

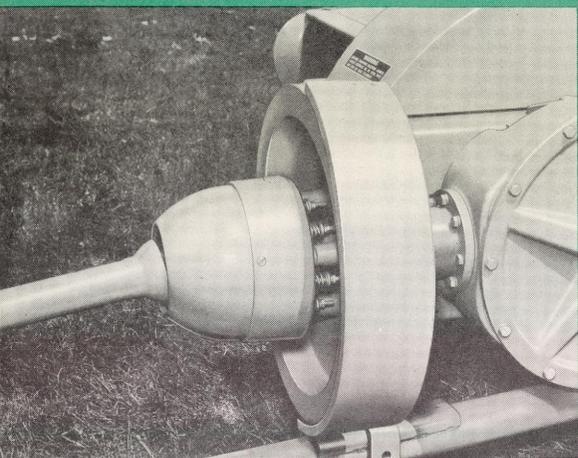
for  
the  
machine



**Flywheel shear bolt** protects the baler from damage caused by obstructions such as tree limbs, stones, rake teeth, etc.



**Plunger stop dog** prevents plunger from striking needles if they should accidentally remain in the bale chamber during a plunger stroke.

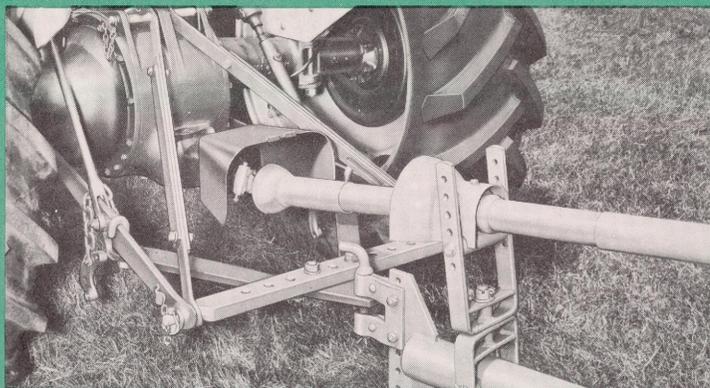


**Slip clutch** reduces shock and overload on gears; increases baler capacity by reducing the number of field stops. **Overrunning clutch** prevents "wrenching" effect on tractor's PTO shaft. Permits the baler to freewheel if the power shaft is stopped suddenly. Makes easy starting, stopping, shifting gears.

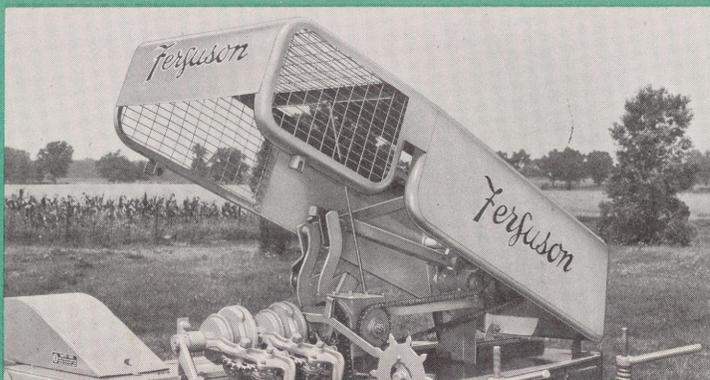


**Hinged cover** over the plunger crank in the bale chamber shields working parts, reduces dust and chaff, contributes to operator safety.

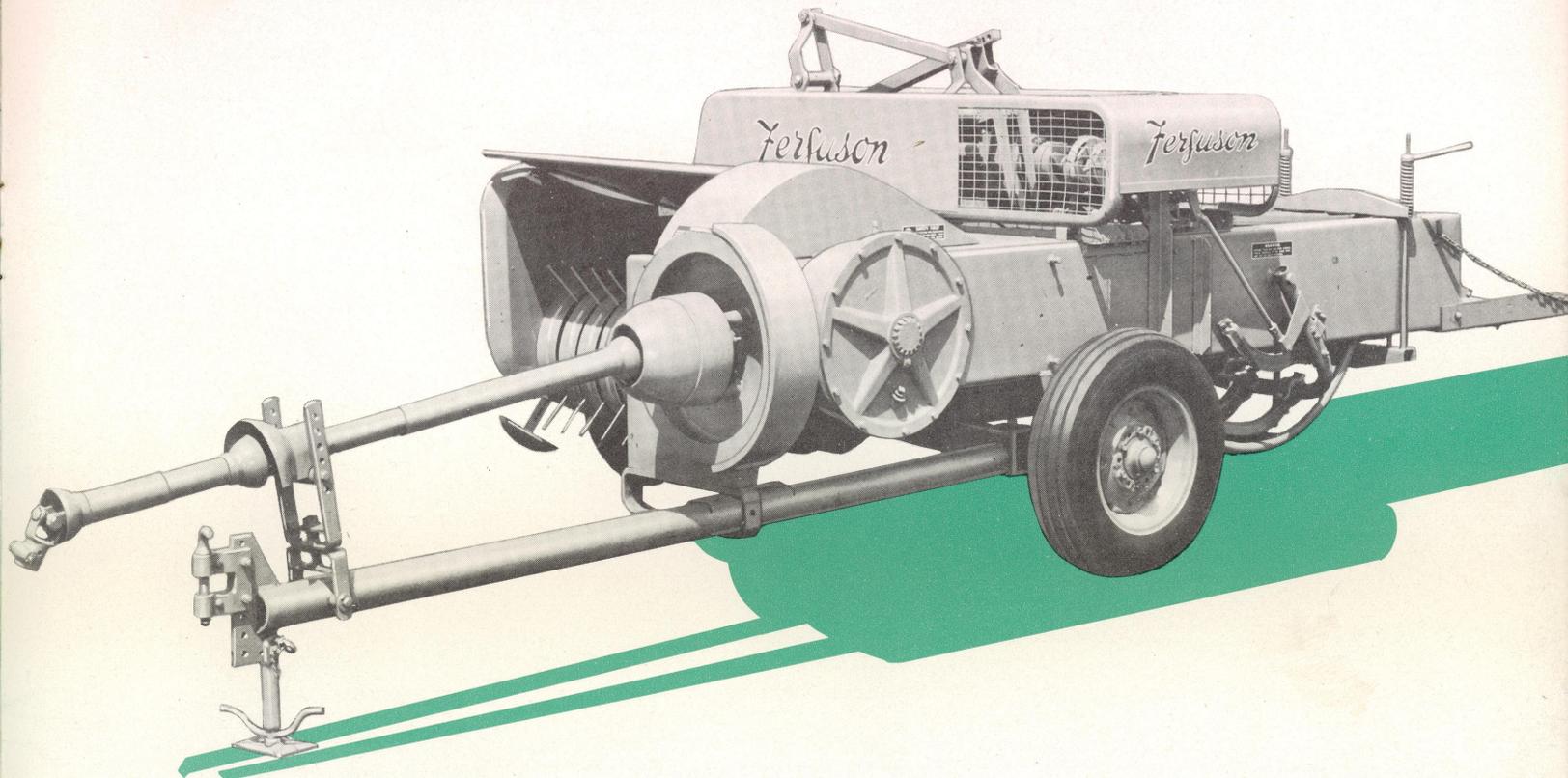
**Guards** around flywheel, auxiliary-drive sprocket, overrunning clutch and drive shaft provide operator safety.



**Large cover** over knottter and packer mechanism is hinged at right end and may be supported in a raised position.



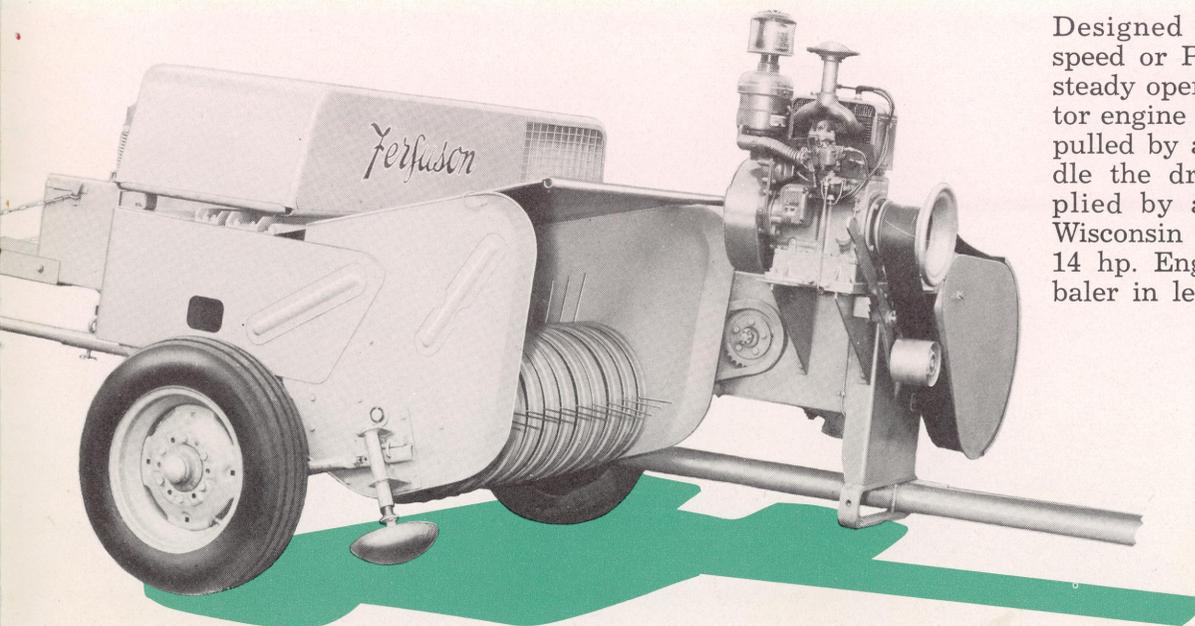
## Choose **POWER TAKE-OFF...**



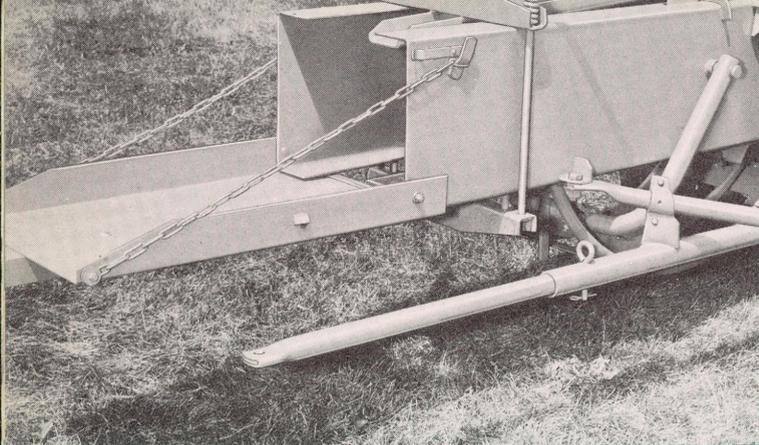
For fast, economical baling, you can't beat the PTO-operated Trail Baler "12." Because of its simple design, the light-running PTO model doesn't "pull down" your tractor in heavy winds. Flywheel cushions shock of heavy loads.

PTO drive is provided with a combination slip clutch and overrunning clutch. The PTO model can be pulled and powered by *any 2-plow tractor* with a standard ASAE power take-off and drawbar.

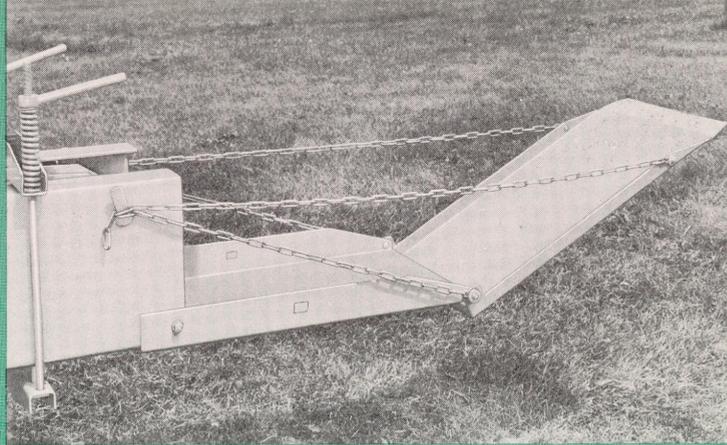
## ...or **ENGINE DRIVE MODEL**



Designed for tractors with gear speed or PTO limitations. Provides steady operation of baler at all tractor engine speeds; allows baler to be pulled by any tractor that will handle the drawbar load. Power supplied by a 2-cylinder, air-cooled Wisconsin engine which develops 14 hp. Engine can be mounted on baler in less than 20 minutes.



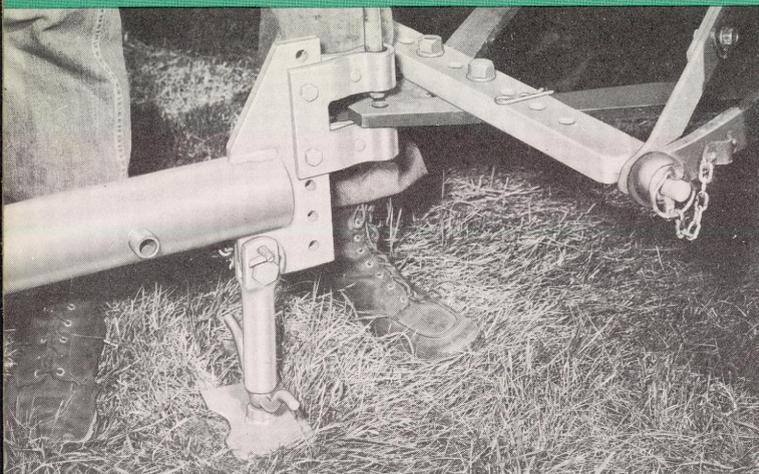
**Wagon Hitch**—a telescopic, tubular hitch bolted to the baler frame and used to tow wagon.



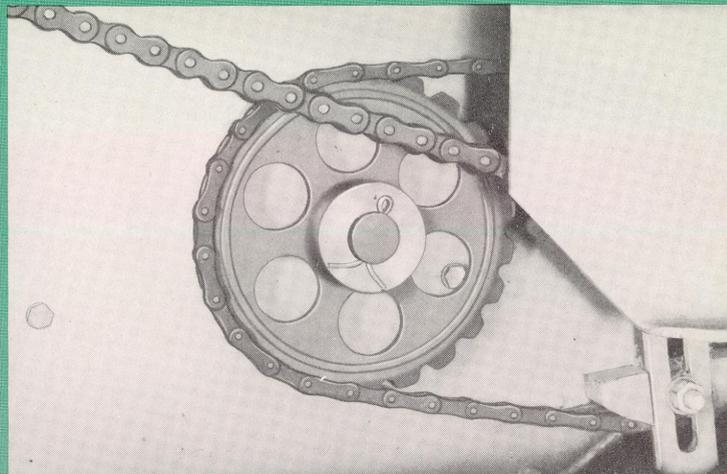
**Loader Chute**—provides easier, quicker loading onto trailing wagon; chain adjustment for height.

# ACCESSORIES

THAT MAKE A GOOD BALER BETTER



**Jack**—eliminates lifting, holds tongue at right height for hooking to tractor drawbar, makes hitching easier.

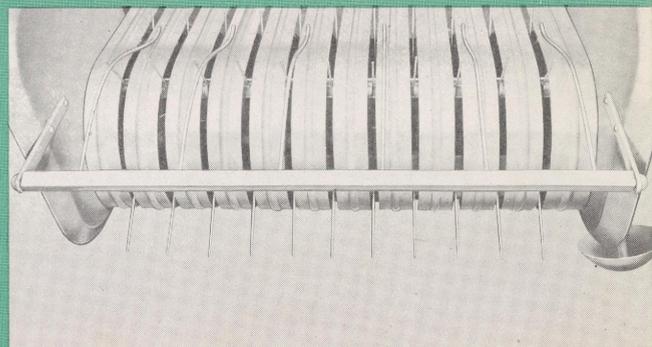


**Pickup Sprocket**—an additional sprocket for the pickup shaft to use where hay is exceptionally heavy or where a slower-than-average ground speed is required.

**Guide Shoe**—protects the pickup unit in irrigated areas where borders are sharp or where terrain is rough.



**Wind Guard**—facilitates pickup operation in light crops when wind is strong. Provides for more uniform feeding.



# MODERNIZE YOUR HAY MAKING

## with these Ferguson Grassland Tools

In addition to the Trail Baler "12," Ferguson offers an outstanding line of grassland equipment to help you get the most out of your hay crops.

So, make hay with Ferguson—from the time your crop is ready to cut until quality bales are stored in the barn!

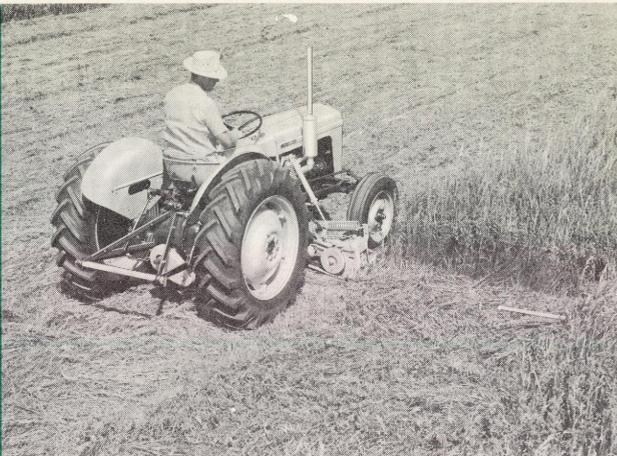
### Dyna-Balance Mower (Rear Mounted)

An exceptionally quiet mower that utilizes a "ground level" drive which eliminates the pitman. Practically free from vibration—allows higher sustained mowing speeds.



### Dyna-Balance Mower (Side Mounted)

Gives operator increased visibility and maneuverability. Lift cylinders provide extra control. Dyna-Balance Drive provides quiet, vibration-free operation at high speeds.



### Side-Delivery Rake

Moves hay from swath to windrow in one-half the distance of conventional rakes. With latest Ferguson Tractors, rake reel operates at fixed ratio to ground speed. 7' and 8' widths.



### Trail Rake "36"

Pull-type, ground-driven rake that can be attached to any make of tractor with a drawbar for trail-type implements. Can turn an 8½ foot swath at speeds up to 8 mph.

**Ask Your Dealer . . . He'll Be Glad To Demonstrate**

for the  
family farm

# BIGGEST BALER VALUE YET

## Ferguson TRAIL BALER "12"

### SPECIFICATIONS

#### Ferguson Trail Baler "12"

Length (PTO drive).....	15'8"
Length (Engine drive).....	13'8"
Width.....	7'10 <sup>3</sup> / <sub>4</sub> "
Height (PTO drive).....	4'6"
Height (Engine drive).....	6'3"
Pickup Width.....	48"
Weight (PTO drive).....	2,600 lbs.
Weight (Engine drive).....	2,800 lbs.
Bale Chamber Size.....	14" x 18"
Length of Bales.....	30" and 38"
Plunger Stroke.....	26"
Plunger Speed.....	70-72 strokes/min.
Capacity (Maximum).....	10 ton/hour



**SALES**

**SERVICE**

**FERGUSON Division • MASSEY-HARRIS-FERGUSON INC. • RACINE, WISCONSIN**