

Frontier Grinder-Mixer Feedmaking made easy



GX1117



Save time and money in your livestock operations with the Frontier GX1117 Grinder-Mixer. With this efficient mixing tool, you can combine grain and mineral supplements to create ideal feed rations. The GX1117 is packed with so many great features, you'll see just how easy feedmaking can be.

Start with the 135-bushel mixing chamber. It offers superior capacity to mix rations in fewer loads. And a rugged, 14-inch mixing auger ensures rations are thoroughly blended. Plus, three convenient windows allow you to monitor the amount of chamber fill.

The GX1117 includes a powerful hammer mill that's equipped with sixty-six steel alloy hammers to effectively cut grain. The spacious hopper lets you add the necessary mineral supplements for ideal rations. Best of all, the self-contained hydraulic system keeps everything running smoothly with reduced wear and maintenance.

Looking for additional options to help speed and simplify your feeding chores? Check out the versatile intake auger. It's perfect for accessing multiple commodity bins. Or consider the handy Digi-Star® weight scale. Available in two models, it gives you accurate control of ingredients, and provides correct rations. Try the durable auger extensions. A 3-foot or 6-foot option offers the flexibility to reach tall bulk bins, or access feeders from a distance.

We've designed the Frontier Grinder-Mixer with one thing in mind: consistency. You'll experience uniform blending of your rations, and reliable performance as well. Talk to your local John Deere dealer, your exclusive source for Frontier Equipment, and see how the Grinder-Mixer helps take the "chore" out of your feeding chores.



Big Capacity, Long Reach

With a large, 135-bushel capacity mixing chamber and a 14-inch mixing auger, the Frontier Grinder-Mixer mixes feed consistently to help take the load off big feeding chores. Optional Digi-Star EZ® weight scale allows you to better gauge the accuracy of your mix. And optional auger extensions let you fill feeders or bins from a distance, quickly and easily, so you can feed your livestock faster and move on to other important jobs.



fewer loads

Details – Frontier Grinder-Mixer



Tip the scale in your favor

Take the guesswork out of mixing rations with a Digi-Star® weight scale. Available in the 2400 and data-saving 3400 models, the Digi-Star weight scales are the most accurate way for controlling ingredients used in each ration, so you can adjust your mix accordingly.



A hydraulic cylinder and motor control the unloading auger from the tractor's operator station. A 300-degree rotation and 53-degree elevation provide remarkable range and maneuverability. An adjustable slip clutch for the unloading auger rotation provides protection against impact (*above left*).

For increased versatility, the optional intake auger allows fast, convenient loading and access to multiple commodity bins. A lift-assist spring makes handling the weight of the auger almost effortless, reducing fatigue. When you're ready to work, simply swing the auger into position to transfer grains from your bin into the intake hopper (*above right*).



The supplement hopper features an easy-to-use sack cutter for opening supplement bags, saving you time and reducing spillage. Add minerals directly into the hopper to mix with your grains and create the correct ration



Large mixing chamber holds 135 bushels of feed. That means fewer loads to mix, and less time mixing for you – a definite plus for big livestock operations.



Hammer mill screens are available in a wide range of sizes to vary the consistency of your cut grains. To ensure a uniform mix, a suction fan pulls the ground feed through the screen.



Aggressive 21-inch-wide PTO-driven hammer mill consists of sixty-six, four-way reversible hammers that cut grain consistently. Each durable hammer is made of steel alloy for longer life and repeatable performance. A quick-release pin disengages the mill for mixing-only applications.



A sliding door controls grain flow to the discharge auger. With this feature, you can control the flow of material into the auger. Closing the door allows for auger cleanout and prevents wasted feed.



Optional discharge auger extensions offer greater reach. Choose either the 3-foot or 6-foot attachment. If you need to reach taller bins or park farther away from bins to avoid snowdrifts, haystacks, or other obstacles, these options help get the job done.

GX1117 Specifications

	English	Metric
Dimension		
Overall machine height ft. (m)	10.6 ft.	3.2 m
Overall machine width w/o intake auger ft. (m)	7.75 ft.	2.4 m
Overall machine width w/ intake auger ft. (m)	8.5 ft.	2.6 m
Overall machine length ft. (m)	15.7 ft.	4.8 m
Ground clearance in. (cm)	11.5 in.	29.2 cm
Weight		
Weight w/o intake auger lb (kg)	3200 lb.	1451.5 kg
Weight w/ intake auger lb (kg)	3600 lb.	1632.9 kg
Tractor Requirements		
PTO Horsepower 540 RPM PTO (kw)	50 - 115 PTO	37.3-85.8 kw
PTO Horsepower 1000 RPM PTO (kw)	50 - 145 PTO	37.3-108.1 kw
PTO RPM	540 or 1000 1-3/8 PTO	NA
Hitch		
Drawbar	Cat. 1	NA
Tires		
Qty	2	NA
Size	12.5L-15, 20 Ply	NA
Mixing Chamber		
Capacity Bushels (cubic meters)	135	4.8
Capacity Cubic Ft (cubic meters)	170	4.8
Diameter in. (cm)	72	182.9
Mixing Auger		
Diameter in. (cm)	14 in.	35.6 cm
Base Diameter in. (cm)	30 in.	76.2 cm
Ladder		
Front Mount over Mill	Standard	NA
Windows		
2-full length and 1-Port Hole Style	Standard	NA
Unloading Auger		
Tube Diameter in. (cm)	8 in.	20.3 cm
Length ft. (m)	12 ft.	3.7 m
Standard Reach Height @ 53 degrees ft. (m)	19 ft.	5.8 m
3 ft extension Reach Height @ 53 degrees ft. (m)	21.5 ft.	6.6 m
6 ft extension Reach Height @ 53 degrees ft. (m)	23.8 ft.	7.3 m
Rotation degrees	300	NA

Frontier Grinder-Mixer meets applicable ASABE safety standards.

	English	Metric
Hammermill		
Feed	Gravity Hopper or Swinging Intake Auger	NA
Width in. (cm)	21 in.	53.3 cm
Cylinder Diameter in. (cm)	20 in.	50.8 cm
Hammer Qty	66	NA
Hammer Type	4 way reversible steel alloy	NA
Screen Area square inches (square cm)	600 in.	3871 cm
Screen Hole size in. (cm)	.125 - 2.0 in.	0.3-5.1 cm
Rotational Speed RPM	2700	NA
Drive	8 "A" Section Banded V-Belt	NA
Magnet Qty	2	NA
Magnet Size in. (cm)	4 X 18 in.	10.2 X 45.7 cm
Intake Auger (optional)		
Direct Drive	Independent Hydraulic Motor	NA
Length in. (cm)	84 in.	213.4 cm
Diameter in. (cm)	12 in.	30.5 cm
Hopper size in. (cm)	42 in.	106.7 cm
Hopper min. height in. (cm)	20 in.	50.8 cm
Hydraulic System (Self-contained, includes pulley driven pump, reservoir and pressure relief valve)		
Pump Pressure psi (kpa)	3200	22063
Oil Flow gpm (l/min)	10.5	39.7
Hydraulic Reservoir	Cyclonic	NA
Oil Filter microns (micrometer)	10	10
Supplement Hopper		
Dimensions in. (cm)	18 X 23	45.7 X 58.4
Height in. (cm)	35	88.9
Lighting, Marking and Safety		
Transport Safety Lights	Standard	NA
Markings	SMV	NA
Safety Tow Chain	Standard	NA
Jack	Standard	NA
Set-up time		
Labor hours	1	NA
Warranty		
Machine	1 Year	NA



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