



Grinder Mixer

Portable Mixer/Hammermill

Model 6105 / 6140 / 7165

Model JR50 / JR75

Smallest but most affordable



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6105

The 105 bushel model allows you to customize your machine to meet your needs. Choosing mechanical or hydraulic lift and swing with or without an auger feeder gives you flexibility in your yard.

Versatile Unload Options

- Mechanical lift and swing with mechanical unload
- Hydraulic lift and mechanical swing
- Hydraulic lift and swing with hydraulic unload.

Proven Technology

Systems that have been improved and perfected from your trusted Art's Way grinder over time create the 6105 model that embodies all of these enhancements in one machine.

Efficient Unloading

The 8 inch diameter unload system quickly discharges feed reducing time and labor costs.



6140



The 140 bushel tank is our “just right” sized grinder mixer. It features four large inspection windows, a trough style auger feeder, and an air system for feed efficiency.



Easy Hydraulics

Self contained hydraulics run off your 540 PTO to operate the auger feeder and discharge auger.

The discharge auger lift and swing are operated with your tractor hydraulics using two remote sets.

20 Inch Hammermill

The 6105 and 6140 feature a 20 inch hammermill with 72 four way reversible hammers for faster grinding power. Choose from our wide range of screen sizes to achieve your desired particle size.

Electric Tank Gate

The electric tank gate allows you to control feed flow to the discharge auger. This allows for more flow as you reach the end of the batch.

Powerful.

The 7165 Grinder Mixer has the features to handle your toughest jobs. Producers asked for more efficient feeding, longer run times, and strong drive lines. These have all been bundled into one machine.

Efficient Feeding

Tube style auger provides maximum feed delivery by decreasing the return of material down the auger.

Strong Drive Line

Over-running P.T.O. shaft allows for smoother shut down. A larger jack shaft and bearing are built to withstand the stress from your tractor.

Smooth Flow

Double flighting in transition auger provides smooth feed flow from mixing tank to discharge auger.

Easy Maintenance

Centralized grease point makes continued smooth operation a breeze.

Longer Run Time

Added hydraulic cooler automatically engages when the hydraulic fluid temperature is elevated. Fan reverses periodically to keep debris out of cooler. The cooler allows for a smaller hydraulic fluid tank. Your fluid will warm up faster for a short start time in cold weather and is more cost effective to change.

Safety Features

LED lights are positioned for superior visibility while transporting your Grinder Mixer. The nonslip ladder provides safe access to the mixing tank. A plated jack stand increases stability.



4- Way Reversible Hammers

26 inch hammer mill boasts 96: 4-way reversible hammers for long use and replaceable wear places.

Self Contained Hydraulics

Easier adjustment on a central hydraulic bank with easy to read pressure gauges for better monitoring.

Control Options

System provides complete control of auger movement via control box or wirelessly operated control remote.

Air System

Captures more feed and decreases dust during your processing.

Fast Unload

10 inch x 12 ft. long discharge auger allows for fast unload.
*See options for extensions.



Product Specifications

	6105	6140	7165
Tank Capacity	105 bushel (130.7 cu ft.)	140 bushel (173.2 cu ft.)	165 bushel (205.3 cu ft.)
P.T.O. Drive	540 RPM		540 or 100 RPM
Horse Power Requirement	40-100 HP	40-100 HP	80-160 HP
Feeder	Gravity Hopper or Auger Feeder		
Auger Feeder Length	96 inches		
Auger Feeder Auger Diameter	10 inches		
Auger Feeder Type	Hydraulic		
Hammermill width	20 inch	20 inch	26 inch
Diameter of Mixing Auger	12 inch flighting/ 13 inch tube/ 24 inch base		
Discharge Auger Tube Diameter	8 inch	8 inch	10 inch
Discharge Auger Type (Lift & Swing)	Mechanical or Hydraulic	Hydraulic	Hydraulic
Tires	10 x 15 8 ply rib implement	13.5 x 16.1 8 ply high flotation	13.5 x 16.1 8 ply high flotation
Supplement Hopper	21 x 24 inch		
Shipping Dimensions			
Overall Height	106 inches	112 inches	126 inches
Overall Width with Auger Feeder	95 inches	110 inches	114 inches
Overall Length	170 inches	170 inches	175 inches
Approx. Weight with Auger Feeder	3540 pounds	4500 pounds	5200 pounds
Ground Clearance	10 inches	10 inches	13 inches

Hammermill Capacities

	20" HM (6105/6140)	20" HM (6105/6140)	20" HM (6105/6140)	26" HM (7165)	26" HM (7165)	26" HM (7165)
Screen Size	30 HP	40 HP	80 HP	40 HP	60 HP	120 HP
1/8"	100-165	150-250	150-250	110-180	180-300	180-300
5/32"	130-195	200-300	200-300	150-225	250-375	250-375
3/16"	195-300	300-450	300-400	270-330	450-550	450-550
1/4"	300-425	480-650	480-650	420-510	700-850	700-850
5/16"	450-550	700-850	700-850	675-780	1125-1300	1125-1300
3/8"	585-730	900-1125	900-1125	840-960	1400-1600	1400-1600
1/2"	750-900	1200-1375	1200-1375	960-1080	1600-1800	1600-1800
5/8"	900-1010	1375-1550	1375-1550	1080-1200	1800-2000	1800-2000
3/4"	1010-1120	1550-1725	1550-1725	1200-1320	2000-2200	2000-2200

•Condition of grain effects capacity

•Power input is a factor in capacity

•Capacities are based on 56 lbs/ bu. of corn

•Hammers and screen conditions must be maintained.

Grinder Mixer Options

Screen Options

Screen	Material	Grind Type	Micron Size
5/32"	Oats, Milo, Corn	Fine, Small Grain (chicken/pigs)	700-825
3/16"	Oats, Milo, Corn, Hay	Medium, Small Grain (chicken, pigs, more hulls)	800-950
1/4"	Oats, Milo, Corn, Hay	Coarse, Small Grain (hogs, sheep)	925-1100
5/16"	Oats, Corn, Hay	More Coarse, Small Grain (hogs, fine cattle feed)	1100-1250
3/8"	Corn, Hay, Ear Corn	Corse, Shelled Corn (cattle feed, no whole kernels in ear corn)	1250-1400
1/2"	Ear Corn, Hay	Corse, Ear Corn (cattle feed, will leave some whole kernels)	NA
5/8"	Ear Corn, Hay	More Coarse, Ear Corn (cattle, will leave some whole kernels)	NA
3/4"	Ear Corn, Hay	Coarse, Hi Moisture Ear Corn (cattle, whole kernels)	NA
1"	Corn Cobs, Hay	Very Coarse (medium bedding)	NA
1-1/4"	Corn Cobs, Hay	Very Coarse (medium bedding)	NA
1-1/2"	Corn Cobs, Hay	Very Coarse (bedding, cattle, uniform grind)	NA
2"	Corn Cobs, Hay	Very Coarse (bedding, cattle, uniform grind)	NA

Scale Indicators



Model 640/640 XL

The model 640/640XL indicators are simple Gross/Tare/Net weight indicators which include 1" digits on the 640 and 2" on the 640 XL. Included standard is an RD40/XL port. Operates from 12VDC source and has selectable weight filtering, 100 accumulator memory channels, with individual statistic (count total, and average weight accumulated) with alpha-numeric identification of those channels.



Model 2060

A robust, programmable indicator, featuring an industry leading 6" backlit graphic display, alphanumeric keypad, five programmable soft keys and a range of connectivity options for ease of use. Supplied with Standard Scale software which features Gross/Tare/Net weighing modes, Target Load/Unload, Auto-Loc, Auto-Accumulation, 200 user defined memory channels, and USB file transfer.

Folding or bolt-on discharge auger extensions

Unloading Auger Configuration	6105 Standard 10 ft.	6140 Standard 10 ft.	7165 Standard 12 ft.
No Extensions Max Reach	16 ft. 8 in.	16 ft. 5 in.	20 ft. 3 in.
3 ft. Auger Extensions Max Reach	19 ft. 3 in.	19 ft.	22 ft. 10 in.
6 ft. Auger Extension Max Reach	22 ft.	21 ft. 6 in.	25 ft. 5 in.



Grinder Mixer

Hammermill

Models JR50 / JR75



www.artsway-ag.com

Small but Mighty

The JR is our smallest and most affordable grinder mixer, but it packs a punch. Grinding corn, hay, and whole cobs is easy for this machine.

Hammermill

The JR models feature a tough 12 inch hammermill complete with 40 4-way hammers.

Efficient Power

With a low 30 Horse Power minimum requirement, the 540 RPM PTO operates the hammermill and mixing tank. One pair of hydraulic connections operates the discharge auger.

Hammermill Screens

Screens slide into the hammermill to provide the sizing you desire in your feed.

Discharge Auger

The discharge auger is easily moved into place manually for bunk or ground feeding, piling, or mixing into a different machine. A locking pin holds it in place.

Mixing Tank

The mixing tank features a vertical mixing auger, creating a “boiling” action which ensures an even mix of ground feed. Viewing windows allow you to see tank fill level.

Supplement Hopper

Easily input your additives through the supplement hopper for ingredients that don't need to be ground.





Sturdy Base

The welded frame is built to withstand the wear and tear on a farm. A plated jack stand will allow you to put the JR series anywhere in your yard. The 10" x 15" 8 ply implement tires allow you to bring your feed to your livestock.



Feed Door

The feed control door is manually operated to allow you to choose the discharge speed.



Dust Control

The air system keeps your environment clean without wasting your feed ration.



Versatile Workplaces

Due to the JR's small size, you are able to work in areas that usually aren't accessible with larger farm equipment. The smaller frame fits in tight yards and between buildings.

JR50/JR75 Specifications

	JR50	JR75
Tank Capacity	50 bushel	75 bushel
P.T.O. Drive	540 RPM	540 RPM
Horse Power Requirement	30-100 HP	30-100 HP

Feeder	Gravity Hopper or Auger Feeder	
Hammermill width	12 inch	12 inch
Reversible Hammers:	40	40
Diameter of Mixing Auger	12 inch flighting/ 13 inch tube/ 24 inch base	
Discharge Auger Tube Diameter	8 inch	8 inch
Discharge Auger Type	Mechanical	Mechanical
Tires	10 x 15 8 ply implement	10 x 15 8 ply impmement
Supplement Hopper	18 x 18 inch	

Shipping Dimensions		
Tank Height	95 inches	110 inches
Overall Width	90 inches	90 inches
Overall Length	122 inches	122 inches
Approx. Weight	2750 pounds	3000 pounds
Ground Clearance	10 inches	10 inches

JR50/JR75 Mix Options

Screen Sizes

Screen	Material	Grind Type	Micron Size
1/8"			650-700
5/32"	Oats, Milo, Corn	Fine, Small Gran (Chicken/Pigs)	700-825
3/16"	Oats, Milo, Corn, Hay	Medium, Small Grain (Chicken, Pigs, More hulls)	800-950
1/4"	Oats, Milo, Corn, Hay	Coarse, Small Grain (Hogs, Sheep)	925-1100
5/16"	Oats, Corn, Hay	More Coarse, Small Grain (Hogs, Finae Cattle Feed)	1100-1250
3/8"	Corn, Hay, Ear Corn	Corse, Shelled Corn (Cattle Feed, No whole kernels in ear corn)	1250-1400
1/2"	Ear Corn, Hay	Corse, Ear Corn (Cattle Feed, will leave some whole kernels)	NA
5/8"	Ear Corn, Hay	More Coarse, Ear Corn (Cattle (will leave some whole kernels)	NA
3/4"	Ear Corn, Hay	Coarse, Hi Moisture Ear Corn (Cattle, Nice cob grind but whole	NA
1"	Corn Cobs, Hay	Very Coarse (Medium Bedding)	NA
1-1/4"	Corn Cobs, Hay	Very Coarse (Medium Bedding)	NA
1-1/2"	Corn Cobs, Hay	Very Coarse (Bedding, Cattle, Unifrom Grind)	NA
2"	Corn Cobs, Hay	Very Coarse (Bedding, Cattle, Uniform Grind)	NA

Scale Indicators



Model: Weigh Tronix 640

Simple Gross/Tar/Net weight indicator with adjustable back lighting, selectable weight filtering, 100 memory channels with individual statistics.

- Condition of grain effects capacity
- Power input is a factor in capacity
- Capacities based on 56 lbs / bu. of corn
- Hammers and screen conditions must be maintained.

Hammermill Capacities

	12" HM	12" HM
Screen Size	40 HP	60 HP
1/8"	66-108	108-180
5/32"	90-135	150-225
3/16"	162-198	270-330
1/4"	252-306	420-510
5/16"	405-468	675-780
3/8"	504-576	840-960
1/2"	576-648	960-1080
5/8"	648-720	1080-1200
3/4"	720-792	1200-1320
1"	NA	NA
1-1/4"	NA	NA
1-1/2"	NA	NA
2"	NA	NA