



**BIG
WHEEL®**

BIG WHEEL® FEEDERS

Patented mechanical-flow
feeder design cuts waste,
cuts maintenance,
streamlines swine feeding,
improves feed-to-gain ratios.



**OSBORNE
INDUSTRIES INC.**
THE INDUSTRY STANDARD

Feeders

Big Wheel® Feeders From Osborne

The No. 1 Choice In The U.S.A. For Money-Saving Wean-to-Finish Feeding

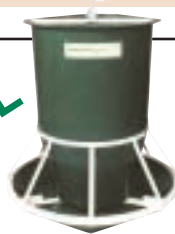
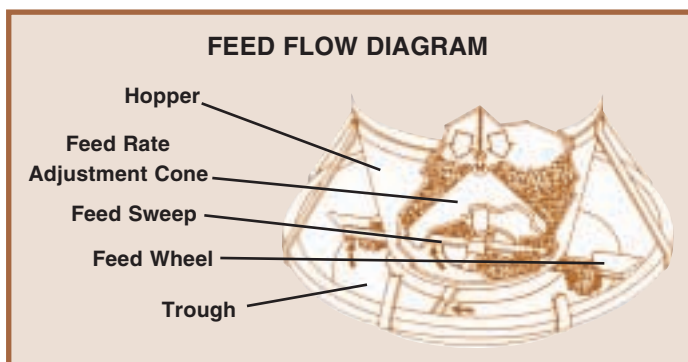
For over a decade, producers have installed more Big Wheel Feeders in nurseries and finish-feeding than any other make. Our patented mechanical-flow feeding has assured our continued leadership in a changing industry and has made Big Wheel Feeders the performance standard for professional producers. **And now with a few improvements, Big Wheel Feeders are again setting a new standard for Wean-to-Finish applications by their outstanding performance over the entire size range.**

Big Wheel Feeders Cut Waste

Big Wheel Feeders are engineered to improve feed-to-gain ratios by radically reducing waste from spilled and spoiled feed. Independent tests and thousands of satisfied customers confirm that Big Wheel Feeders average only a small fraction of the feed loss typical of the best gravity-flow feeders. Feed is delivered only when pigs are feeding, so it's always fresh and clean. The round troughs have no corners where stale feed can pile up and rot. **Big Wheel Feeders can save you enough feed, time, and labor in one year of operation to pay for themselves.** That's a 100% return on your investment!

No Waste. No Adjusting. No Plugging. No Cleaning. No Equal.

Our exclusive Feed Rate Gauge and mechanical-flow system make flow rates easy to set, maintain, and reset. Turning the Rate Gauge handle raises and lowers a cone near the bottom of the Big Wheel feed hopper. The height of that cone – not gravity – regulates the feed flow rate.



Big Wheel® Feeders

The most efficient way to feed for increased growth and profits.

As they eat, the pigs turn a large multi-spoke feed wheel in the bottom of the feed trough. A feed sweep attached to the feed wheel and located just inside the bottom of the hopper literally sweeps feed past the cone and out of the hopper as pigs move the feed wheel back and forth.

The feed falls through the center hole into the trough, where the feed wheel dispenses it to the pigs. No feed flows until pigs move the feed wheel. When pigs stop eating, the feeder stops feeding. Big Wheel Feeders are essentially self-regulating and self-cleaning. No other feeder does as much to reduce feed waste and maintenance.

Built To Last

Big Wheel Feeders are ruggedly built with heavy steel construction and reinforced RTM-GLAS™ fiberglass hoppers and troughs. In fact, the very first Big Wheel Feeders we manufactured two decades ago are still in use today.

The Best Fenceline Feeders... Are Round!

You can locate Big Wheel Feeders in the center of your pens, in fencelines, in concrete walls, or even outdoors. Big Wheel Feeders use less floor space than comparable rectangular feeders and can be secured



to any surface and fitted to any fence or wall structure with our optional Fenceline Adapters. You'll find models, options, and accessories to handle every feeding situation.

Wherever you put them, Big Wheel Feeders work better than conventional rectangular feeders. They have large trough openings for easy access, and the round shape gives pigs up to three times more standing room. Your animals eat with less stress and finish faster. So you feed more pigs in less time.

Big Wheel® Nursery Feeders

Keep Feed Fresh For Improved Gain

Big Wheel Feeders are the right choice for your nursery. Young pigs are especially sensitive to stale feed, and Big Wheel Feeders keep feed fresh and clean, dispensing it only on demand. Pellets and crumbles flow through without damage to texture. Meal flows easily with no separation or waste. Feed efficiency and rate of gain improve when feed is kept in top condition. Trough height, size of openings, and head spacing have been

carefully designed for each size range to reduce stress and promote consumption.



Model RN4
1 Bushel/35 Liter Feeder

Our smallest Big Wheel Feeder is sized right for pre-nurseries and is ideal for use in the dividers between crates or in fencelines with our optional Fenceline Adapters. This model is designed to serve approximately 25 pigs from 10-days-old to 35 lb (15.9kg). Trough diameter is 18 in. (45.7cm), height 24 in. (61cm).



Model RN3
3 Bushel/106 Liter Feeder
This intermediate Big Wheel Feeder takes about 40 pigs from 2 weeks to 65 lb (29.5 kg). Works well in fenceline installations with optional Big Wheel Fenceline Adapters. Trough diameter is 22 in. (55.9cm), height 30 in. (76.2cm).



Model RN1
4.5 Bushel/159 Liter Feeder
The largest of our nursery feeders, the RN1 serves about 60 head from 2 weeks to 80 lb (36.3kg). The 26-inch-diameter (66.0cm) trough is designed for larger nursery pigs. Height is 36 in. (91.4 cm).

Big Wheel® Finishing Feeders



Minimize Feed Waste And Management Time

Big Wheel Feeders keep profits high by eliminating the main causes of feed waste with practically no human intervention required. The mixing action of the feed wheel stops pigs from sorting out and wasting feed components they don't like. Feeder design also limits waste by slowing or stopping the flow of feed into the trough when pigs stop eating and start playing. Regulated feed flow and the smooth, self-cleaning trough completely eliminate spoilage.



Model RF2
4.5 Bushel/159 Liter Grower-Finisher Feeder
The perfect wean-to-finish feeder for pigs from 10 lb (4.5kg) up to market weight. The RF2 is our most popular feeder with grower-finishers because it can be used to feed a very broad size range. The trough and feed wheel have been recently re-engineered to help young pigs quickly adjust to feeding themselves – with minimal human intervention and no waste. The RF2 is designed to feed about 60 pigs all the way to market weight, and some users have successfully fed even more early-weaners using modern feeds, without waste or reduction of gain. Trough diameter is 31 in. (78.7 cm), height 36 in. (91.4cm).

Model RF1
7.5 Bushel/264 Liter Finish Feeder
The RF1 is ideal for use with larger groups and size ranges of pigs. It has been designed to feed about 60 pigs from 50 lb (22.7 kg) to market weight. Some users find that it can readily serve even more pigs. It works equally well in the fenceline and in the center of the pen. Trough diameter is 38 in. (96.5cm), height 40 in. (101.6cm).

Model RF3
15 Bushel/529 Liter 2-Day Finish Feeder
Like the RF1, the RF3 is built to feed at least 60 pigs from 50 lb (22.7kg) to market weight. It uses the same 38 in. (96.5 cm) diameter trough but has a larger hopper that can hold twice as much feed. Height is 60 in. (152.4 cm).

Call 1-800-255-0316 for information and ordering.

Metal parts for Big Wheel Nursery and Finishing Feeders are available in either standard heavy-gauge steel or optional 304 stainless steel. Optional hopper covers serve to reduce feed dust.

More Labor-Saving Features

Feed Rate Gauge

Set it and forget it. Our Feed Rate Gauge gives you total control of your feed flow. It's so accurate we decided to patent it. Calibrate just once at installation and every Osborne feeder flows exactly at the rate you set. Anyone can accurately follow your feeding plan.



Fenceline Adapters

Each Big Wheel Feeder has a range of optional adapters designed to allow easy fixed or removable installation into practically any opening, wall, or fenceline.



Big Wheel® Bulk Feeders

Big Wheel Performance on a Larger Scale

Everything that makes our Big Wheel Nursery and Finishing Feeders top performers applies to our Big Wheel Bulk Feeders as well. Like our other models, these big Bulk Feeders are engineered to eliminate waste, adjustments, cleaning, and plugging. They are built to last for decades and to feed hogs without wasting your feed or your time. Construction materials include Osborne RTM-GLAS™ reinforced fiberglass and heavy-gauge hot-dipped galvanized steel on all the lower parts of the feeder to slow corrosion. Rings, lids, and ladders are also galvanized.



Bulk Feeders have a side-mounted Feed Rate Gauge. Once it's set, your feed rate stays constant.

Bump Bars

Big Wheel Feeders are so solid and vibration free that we add Bump Bars to make even finely ground or fat-filled feeds flow without bridging. As pigs move the feed wheel, Bump Bars shake the feed to ensure first-in/first-out feed flow, always keeping feed fresh. Bulk Feeders use the same self-regulating combination of adjustable feed cone, feed sweep, and feed wheel that make the Big Wheel line the money-saving choice for all feeding applications. All five sizes are rated to serve 90 head, although users report success with even higher numbers of hogs per feeder. Feed capacities range from 25 bushels (881 liters) for Model RO-25 to 105 bushels (3,700 liters) for RO-105. They function equally well on level and sloped floors, inside barns, or out in the open. Trough lids are not needed. Plugging is not a problem, even after heavy rains, because the Big Wheel self-cleaning action keeps feed flowing.

Bulk Feeder Specifications

Model Number	Capacity bu	Capacity liters	Trough Diameter in cm		Height in cm	
RO-25	25	881	55.5	144	44	122
RO-45	45	1,586	55.5	144	62	158
RO-65	65	2,291	55.5	144	80	203
RO-85	85	2,995	55.5	144	97	246
RO-105	105	3,700	55.5	144	115	292

Height includes hopper lids. Add 1 1/2 in. (4 cm.) for the optional galvanized steel skid accessory.

To learn more about Big Wheel® Feeders and how they can build your profits, ask for our Technical Bulletins...and request a demonstration from your Authorized Osborne Dealer



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