

PolyDome

Agricultural Products 2007



PolyDome Calf Nursery



Standard Features:

- Made from high-impact UV stabilized polyethylene
- 86" Diameter x 60" high
- Weighs approximately 100 pounds
- Stackable
- Easy cleaning
- Easy access bottle holder
- Bucket holder with 2 5-quart buckets
- One rod to hold bucket holder in place
- Center adjustable flow vent

Raising calves is no easy chore! But dairymen everywhere have discovered the benefits of raising their calves in **Poly Dome** Calf Nurseries. In fact, **Poly Dome** is the first choice of dairy farmers throughout the United States and Canada. After comparing **Poly Dome** Calf Nurseries with modified wooden

Today's Calves Are Tomorrow's Profits

hutches, the University of Minnesota-Morris found that **Poly Dome** calves were healthier and grew faster than calves kept in wooden huts. And **Poly Dome** testing at several other universities is yielding similar results.

Poly Dome will help put money back into your pocket faster. Why risk burnt lungs, frozen ears and tails? **Poly Dome** will help eliminate ammonia build-up. Your heifers will be part of your money-making milking herd sooner. And with two different dome sizes to choose from, you can select the one that works best for you—**Poly Dome** or **Mini Dome**.

You'll notice a difference when you use the original **Poly Dome**. Your calves will

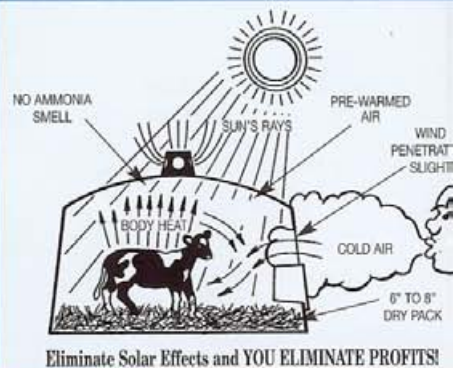
show superb growth and Lung Power® necessary to become high producers.

Here's how **Poly Dome** works: During the day, the bed pak absorbs sunlight. This stored heat keeps your calves warm at night. Unlike open huts, temperature change is controlled over a longer time to reduce stress on your calves. It's perfect even in variable climates. **Poly Dome** stops snow and wind penetration—helps prevent frozen ears and tails. In fact, after years of farm testing, **Poly Dome** is still considered the warmest winter hut on the market.

Use your **Poly Dome** throughout the year with an eight-inch bedding. Open the unit and use outside pens in July and August to prevent heat problems. Keep the calves closed-in September through June.

By keeping your calves inside, they stay dryer and cleaner. No snow to shovel out, no mud tracked in. No more rebedding after snow and rain.

Poly Dome is 86"(d)x60"(h) and is constructed of the strongest polyethylene designed to withstand impact even at -20°F!



Mini Dome Calf Nursery

Standard Features:

- Made from high-impact UV stabilized polyethylene
- 72" Diameter x 60" high
- Weighs approximately 80 pounds
- Stackable
- Easy cleaning
- Easy access bottle holder
- Bucket holder with 2 5-quart buckets
- One rod to hold bucket holder in place
- Center adjustable flow vent



Old Inefficient

- Body heat loss
- Ammonia smell
- Rock base
- Wind penetrates 1/2 way thru
- Cold weather feed 30% more to compensate for body heat loss!

New Efficient

- Dry bed pack
- NO ammonia smell
- Keeps calves dry and clean
- Healthy calves
- Sun sterilization
- Slows heat radiation at night
- Faster weight gain
- Healthier lungs
- Best growth and survival
- 3-year pro-rated guarantee

Poly Dome features a center roof vent to provide the best possible ventilation for your calves. According to an article from Vermont Technical College, this rotatable air vent distinguishes **Poly Dome** from other huts. By turning the vent to match the weather conditions, you can reduce respiratory risks. And **Poly Dome** comes standard with buckets and bottle holder so you don't need an outside fence during cold rainy or snow seasons.

Mini Dome

Mini Dome – Originally introduced to meet the growing need for a smaller shelter, **Mini Dome** works best for Guernsey and Jersey Calves.

Mini Dome's round shape makes it more wind-resistant and lets more sunlight in than square huts. In winter, turn **Mini Dome** toward the sun. For summer shade, face the unit away from the sun.

If you prefer, **Mini Dome** can also be used as a total confinement dome. A real advantage in northern climates, total confinement keeps calves warmer, dryer and out of the wind. With **Mini Dome**, up to 10 weeks of winter confinement is ideal

for Guernsey and Jersey calves. (For Holsteins we recommend the original **Poly Dome**. This larger **Poly Dome** will allow your Holstein calves a larger exercise area and maximum growth rate.)

Mini Dome is 72"(d) x 60"(h). You can customize your **Mini Dome** with a hay feeder.

Choose **Mini Dome Deluxe** for use with your smaller animals.

Here's Something To Consider – If you have a calf hut with a low door, whether it is a half door or a full door, there is an air movement across the floor. This air movement takes the body heat away from animals. This happens every day the temperature is below 65 degrees. So 24-hours-a-day, in cold weather, your calf is burning up 30% of what you feed it just to keep its body heat up. The **Mini Dome** would work this same way with the front open. This is the reason that we do not recommend using this unit open in cold weather.

Poly Dome Means Healthier Calves. All-Season

Poly Square Calf Nursery



Standard Features:

- White opaque material to knock out sun heat
- Made from high-impact UV stabilized polyethylene.
- 5' Wide x 6'6" long
- Weighs approximately 100 pounds
- Stackable
- Easy cleaning
- Easy access bottle holder
- Bucket holder with 2 - 5-quart buckets
- Fence brackets
- Center flow adjustable vent

At last, a square hutch wide enough and long enough for a calf to lay in the center, away from the cold radiation of the walls.

The Poly Square has no rivets to break, no cracks to let snow and rain sift in, and needs no steel rim around the bottom for strength (*imagine how hard this is to clean*). The Poly Square comes standard with the feed

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station on the left side, but can be ordered with the feed station on the right side or on

the rear.

The Poly Square now comes with a taller front door, a larger feed door, and now a hay feeder can be added as an option.

The Poly Square has inverted ribs for better wind resistance, a wider stance (5') for better stability. It also has the Center Roof Vent, the leading vent system on the market today. As stated in an article by Peter Leonard from Vermont Technical Institute . . . "The point that seems to

differentiate these hutches from others on the market is the rotatable air vent at the peak." The Poly Square and the Poly Big Foot come standard with fence brackets, but they can also be used with a chain and collar.

Note, that the standard features of the Poly Square are extras on most other calf hutches on the market today.



Hay Feeder



Feed Station



PolyDome Pails and Feed Buckets

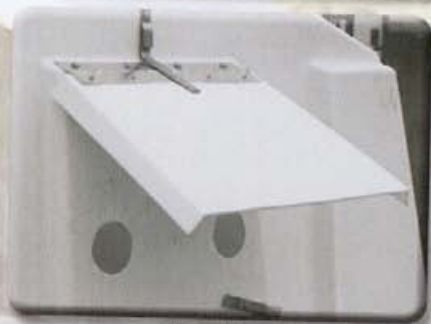
Big Foot Calf Nursery

Standard Features:

- White opaque material to knock out sun heat
- Made from high-impact UV stabilized polyethylene..
- 5' Wide x 7'6" long
- Weighs approx. 130 pounds
- Stackable
- Easy cleaning
- Easy access bottle holder
- Bucket holder with 2 - 5-quart buckets
- Fence brackets
- Rear vent
- Center flow adjustable vent



ons



Rear Vent



Fence Feeder

Poly Square Big Foot

The Big Foot has all the features of the Poly Square, but it is 12" longer (7'6"), and comes standard with the rear vent system.

The Big Foot will give you superb growth and healthier lung power needed for proper development into higher producing herds.

NOTE: Left side feed standard. Right side, and rear feed configurations available.



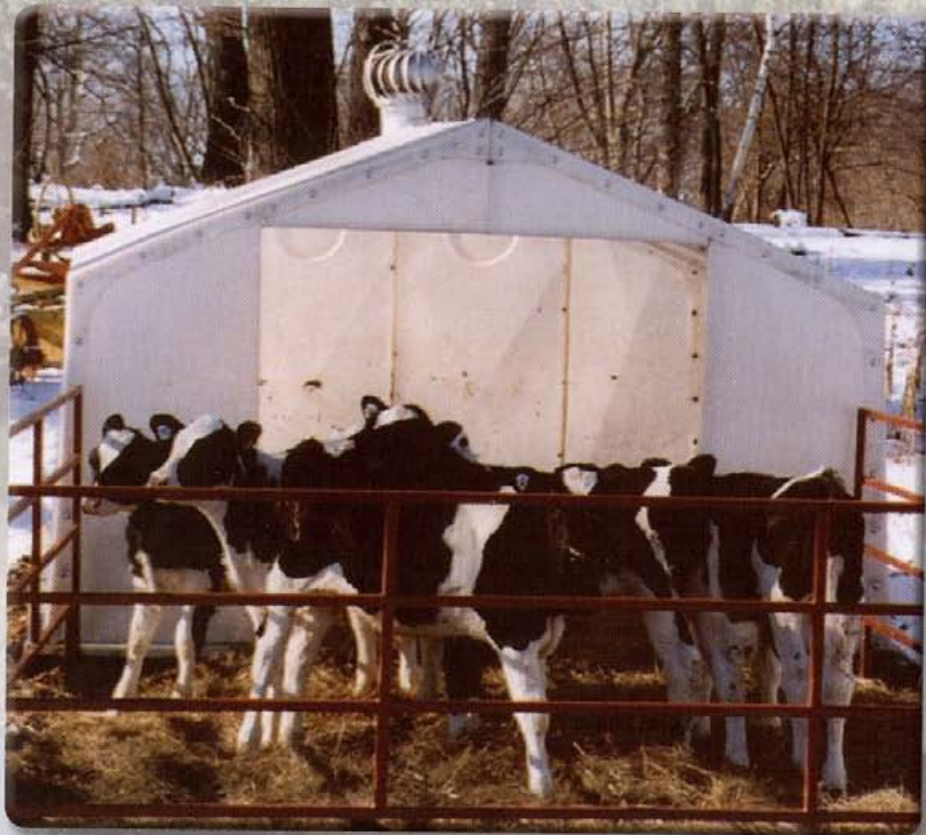
Rear Feeder

As stated in *Country Folks*, May 8, 1989 by Dr. Howard Larsen, Professor Emeritus Dairy Science Department, University of Wisconsin - "Properly designed, the calf hutch can be an excellent management tool which allows the calf to be comfortable, disease free, and grow to her genetic capacity. Calves will then thrive, not merely survive, and become long-lived, healthy productive animals in the herd."

The Poly Square Big Foot is constructed of opaque material to eliminate the solar effect. It blocks out the sun's heat—not sunlight. The Big Foot's inverted ribs and 5'(w)x7'6"(l) stance make it extremely wind resistant—with the largest footprint of any unit on the market today. And like the Poly Square it has no pop rivets which means no breaks or cracks for snow and rain to sift in.

The Poly Square Big Foot has the biggest sleeping area of any calf hutch on the market today (38 square feet).

PolyDome Super Hut



Super Hut with standard opening.

Standard Features:

- Comes in 42" sections that easily bolt together
- Made from high-impact, UV stabilized polyethylene
- 10' Wide x 7'6" deep x 6' tall (with 4 panels)
- Weighs approximately 280 pounds (4 panels)
- Easy cleaning
- Standard Rear Vents
- Comes in White

This large-size hut has multiple uses. The standard **Super Hut** comes in 4 quarter sections that assemble easily, to make a 10' x 7'6" x 6' tall building or add 42" extension panels to make it longer.

The unique design allows you to expand as your needs change. It's totally free-standing, so you can move it anywhere. A treated wood base frame is required for added stability.

Super Hut works well for raising your calves after they are taken out of the calf huts. In fact, **Super Hut** provides a warm, dry shelter suitable for raising animals of all sizes and breeds. With additional panels, it can be made to accommodate more or larger animals.

You may choose to leave the front open or the **Super Hut** has several different door configurations to fit your needs.

The **PolyDome Super Hut** is made from UV stabilized polyethylene, so it is strong, durable, and easily cleaned. It is made from white opaque material to reflect the sun's rays in the summer, yet lets through enough light for a bright daytime environment. The standard rear vent allows adjustable air flow. A variety of feeders are available.

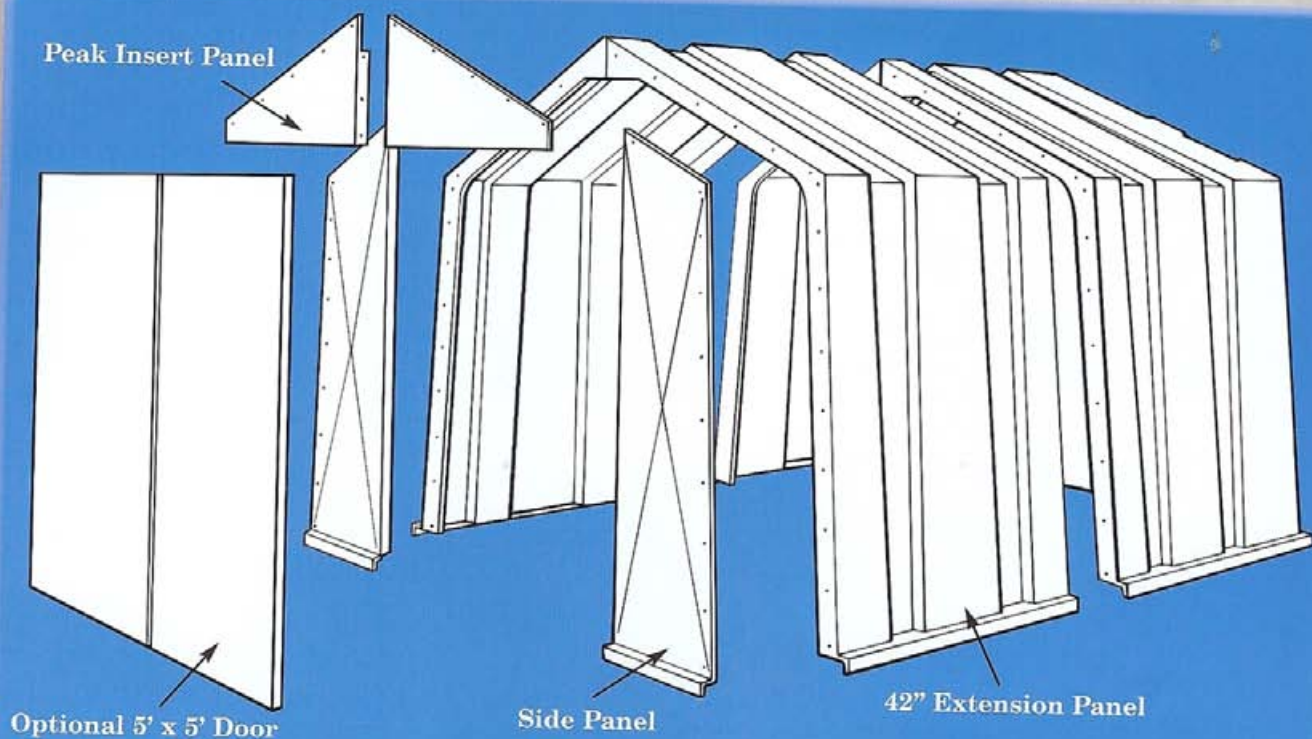


Turbine Fan with Adapter



Optional Bunk Feeder

Expandable Animal Shelter



Assembly view of Super Hut with optional 5' x 5' door kit

Additional Options:

With 42" extension panels you can add to the length at any time. A rear center panel can be placed on the front to make a narrower, 30" x 60" opening. Or you can install our optional 5' x 5' door kit. Other options include roof vents, and a turbine fan that can be installed in the roof for superior ventilation.



Standard Rear Vent



PolyDome Warm Climate



Standard Features:

- Made from high-impact, UV stabilized polyethylene
- 44" wide x 60" long x 48" high
- Easy access bottle holder
- Inside bucket holder with two 5-quart buckets
- Rear Vent Window
- Easy cleaning

PolyDome introduces the Warm Climate Hut. These shelters are super ventilated for comfort in the warmest environments. The Warm Climate Hut comes standard with a large rear vent window which opens up one third of the back wall for superior ventilation.

The PolyDome Warm Climate Hut is made from UV stabilized polyethylene, so it is strong, durable, and easily cleaned. It can be made from opaque material to reflect the

sun, or natural material to absorb the sun's rays to help heat and dry the unit. These units come with a front bottle holder (bottle not included) for easy access; and an inside bucket holder with two 5-quart buckets.

The Warm Climate Hut assembles easily, to make a 44" wide x 60" long x 48" high shelter. It's totally free-standing, so you can move it anywhere—no foundation is required.



One third of the rear opens for ventilation

PolyDome Foot Bath



Standard Features:

- Polyethylene will never rot or rust
- Thick-Walled, one piece construction
- Nonskid bottom
- Two sizes available in self-supporting design –no need for wood framing
- Available in 4 sizes to be supported by wood frames (not included)

- A quick and easy way to clean and disinfect cattle's feet.
- Fill with disinfectant to help prevent foot rot and heal erosion.
- Washing action of footbath removes damaging material from hooves—helps to prevent buildup of dirt and manure in the space between cleats, where harmful bacteria tends to harbor.
- The self-supporting style (shown above) has a contoured interior with extra deep segments which enables the hooves to open wide which facilitates the penetration of treatment products.
- Thick-Walled, one-piece, medium density polyethylene WILL NEVER ROT or RUST.

Sizes Available:

- * 36"x76"x6" Deep Self-supporting and contoured interior.
- * 54"x84"x6" Deep Self-supporting and contoured interior.
- * 36"x36"x7-1/2" Deep Must be supported by 2"x8" wood frame.
- * 36"x48"x5-1/2" Deep Must be supported by 2"x6" wood frame.
- * 36"x72"x3-1/2" Deep Must be supported by 2"x4" wood frame.
- * 36"x72"x5-1/2" Deep Must be supported by 2"x6" wood frame.

What Does A PolyDome Footbath Do

A disinfectant solution (copper sulfate mixed with water) used in the footbath will kill or inhibit bacterial infections such as foot-rot and heel erosion. It penetrates up between toes and cracks, where bacteria inflames the soft skin, and then under the horn lining and inner surfaces of each cleat.

By locating the PolyDome Footbath at the exit door of your stall barn, or in the exit lane of the milking parlor, cows walk through it twice a day.

The disinfectant solution hardens the horn and toughens the skin in vital areas between cleats of the hoof. This drying effect on hoof and skin makes cattle's feet more resistant to bacterial infection.

NOTE: Wood frames not included

Easy Installation

- Locate PolyDome Footbath where cows exit the parlor or barn.
- Exit area must be firm and dry.



Wood frame supported style

PolyDome Mega Hut



Standard Features:

- Comes in 4 sections that bolt together
- Made from high-impact, UV stabilized polyethylene
- 10' Square x 8' tall
- Weighs approximately 425 pounds
- Easy cleaning
- Available in 2 standard colors: White Opaque or Natural
- Other colors also available

PolyDome introduces the largest member of our animal shelters—**Mega Hut**. This jumbo-size hut has multiple uses. It makes an excellent utility shed for mobile homes and back yards.

The standard **Mega Hut** comes in 4 quarter sections that assemble easily, to make a 10' x 10' square x 8' tall building or add 5' extension panels to make it as long as you want. The

unique design allows you add as many sections as you need and expand as your needs change. It's totally free-standing, so you can move it anywhere—no foundation is required. A treated wood base frame is suggested for added stability.

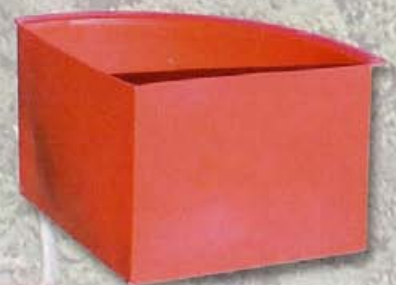
Mega Hut works well for raising emu and ostriches and multiple calves after they are taken out of the calf huts. In fact, **Mega Hut** pro-

vides a warm, dry shelter suitable for raising animals of all sizes and breeds.

The **Mega Hut** has several different door options and configurations to fit your needs: A full-height, double opening, 46" wide door (ideal for ostrich) is available. Or order our



Mega Hut with full-height, double-opening doors.

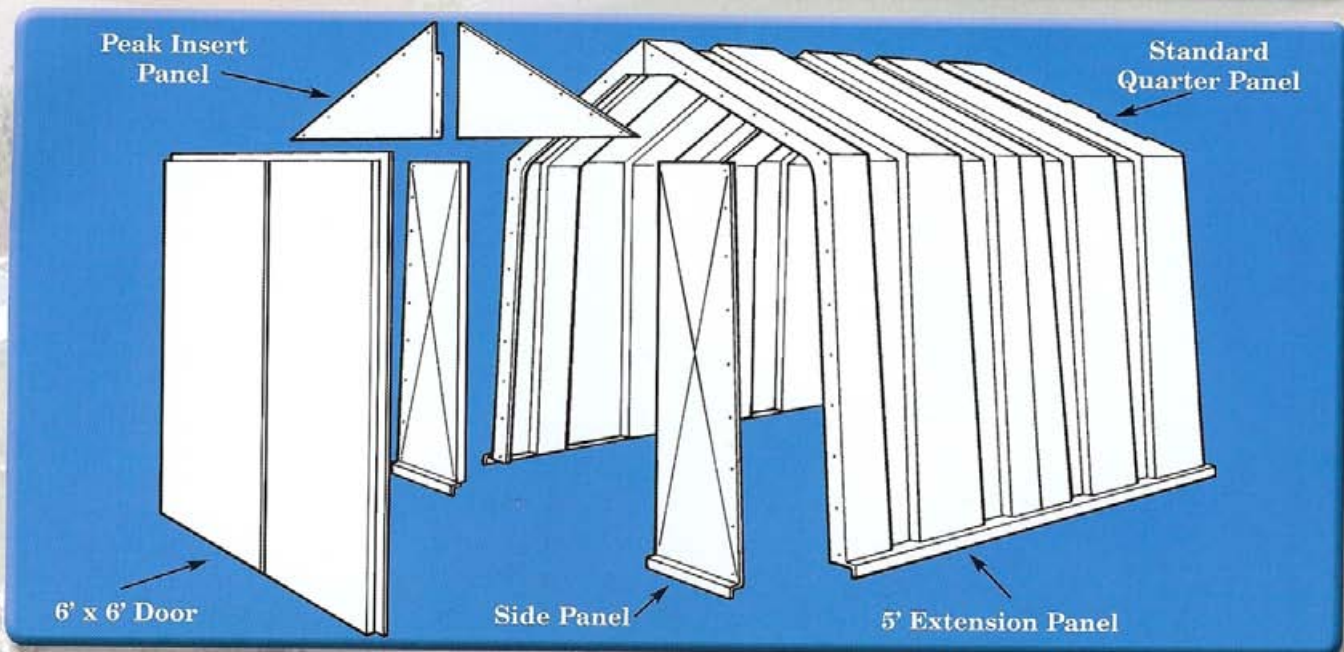


Optional Corner Feeder



Optional Roof Vent

PolyDome Mega Hut



Assembly view of Mega Hut with optional 6' x 6' door kit

optional 6' x 6' door kit which comes with two 3' x 6' door panels and a frame kit. You may choose to leave the end open or install a regular storm door.

The **PolyDome Mega Hut** is made from UV stabilized polyethylene, so it is strong, durable, and easily cleaned. It can be made from opaque material to reflect the sun's rays, or natural material to absorb the sun's rays to help heat and dry the unit. Or com-

bine both materials and rotate it to face the direction needed for the season.

Additional Options:

With 5' extension panels you can add to the length at any time. Other options include roof vents, side vents, and a turbine fan that can be installed in the roof for superior ventilation.



Turbine Fan with Adapter



Mega Hut with optional 6' x 6' door kit.



Mega Hut with user installed storm door

PolyDome Calf Warmer



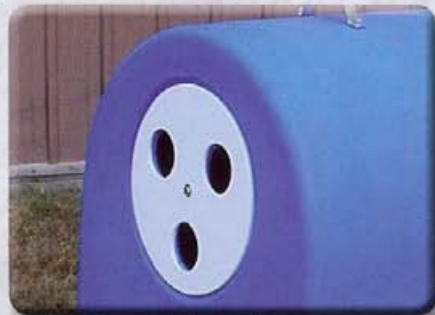
Standard Features:

- Made from durable, medium density polyethylene
- 24" Wide x 50" long x 45" tall; lower section 16" deep
- Removable top section
- Easy cleaning
- Raised, slotted floor
- Stainless steel support system
- Ribbed bottom
- Vent/Peep hole
- Deluxe, high-performance, 110 volt, 2-speed heater

The PolyDome Calf Warmer provides a comfortable environment for newborn calves for the first few hours after birth. The top section is hinged, and removable, for calf entry. The floor is raised and slotted for easy heat circulation of the entire unit. There is a vent/peep hole on one end for proper ventilation and viewing the calf without opening the unit. The bottom is ribbed, and the front rounded, for easy transportation. The front is molded to accept an optional steel hitch for towing.



The PolyDome Calf Warmer provides a comfortable environment for newborn calves.



Vent / peep hole for proper ventilation and viewing

PolyDome Calf Warmer



Bottom is ribbed, rounded on the front, and molded to accept an optional hitch for easy transportation.



Optional rigid hitch for easy towing



The PolyDome Calf Warmer comes complete with a deluxe, high-performance, 110 volt heater. The heater has 3 heat settings and 2 fan settings for proper regulation under most temperature conditions.

The entire unit is made of medium density polyethylene for long-lasting durability and easy cleaning.



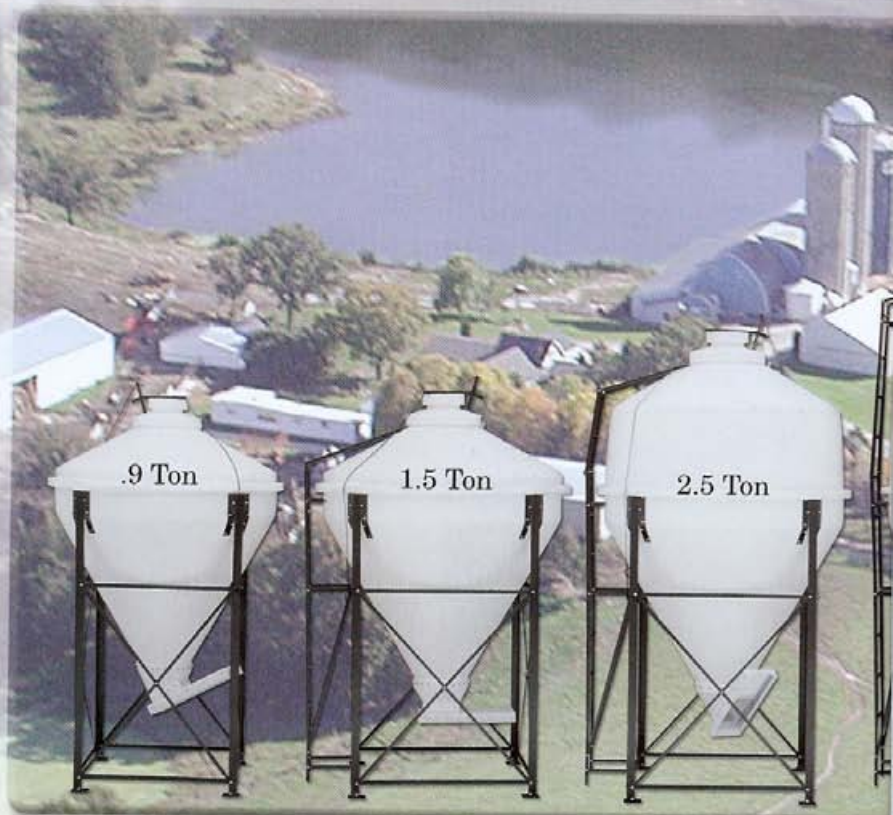
Deluxe, high-performance heater



The raised, slotted floor allows for adequate warm air circulation. It can be lifted out for easy cleaning and disinfecting. PolyDome uses stainless steel for the supports.

Standard Features:

- Translucent polyethylene allows you to see material level
- Made from high-impact, UV stabilized polyethylene.
- Corrosion resistant
- Nestable for shipping
- Easy cleaning
- Smooth surface reduces bridging
- Heavy-Gauge steel support frame with baked-on polyester powder coat finish
- Large, vented filler cap with pull rope for ground access
- Sturdy outside ladder
- Slide valve standard
- Boot for 4" or 6" auger avail.
- Available in 7 sizes: .9, 1.5, 2.5, 3.5, 4.5, 6.5 and 8.5 ton capacity
- Easy installation and set-up
- All mounting hardware included



PolyDome Bulk Bins are the perfect choice for handling high-moisture corn, soybeans, and other granular materials. They are made of high-density polyethylene which will never rust or corrode. **PolyDome Bulk Bins** will always remain clean and attractive.

The interior surface of **PolyDome Bulk Bins** is very smooth to reduce bridging. Plus, since they are just 2-piece construction there are no rivets and grain-clogging seams to contend with. The translucent polyethylene allows you to visually check material line from the outside.

All **PolyDome Bulk Bins** have a 22" top opening with a hinged, vented filler cap and a pull rope that allows ground control for filling.

There are 3 different transition collars available for the slide valves—

90°, 45°, and 30° angles. (See Accessories on page 18.) The new style collar allows easier attachment to the bottom cone with little or no cutting necessary. Our slides feature a galvanized plate and guide system. Our auger boots will attach to any of our slide valves and handle 4" or 6" augers. The auger boots have a clean out access cover.

All **PolyDome Bulk Bins** have a 16" hole in the bottom cone. The 1.5, 2.5, and 3.5 ton bins have 15" ground clearance under the slide valves. The 4.5, 6.5, and 8.5 ton bins have 14" ground clearance under the 90° slide valve; and 11" ground clearance under the 30° slide.

PolyDome Bulk Bins feature heavy-duty support frames with extra large secure plates for more holding power. They have flat strap

cross bracing for increased stability. The .9 – 3.5 ton units come standard with 4 legs; the 4.5 thru 8.5 ton units have 6 legs. The legs have large support tabs which can be bolted to concrete for added stability especially on the larger units.

All **PolyDome Bulk Bins** have a sturdy ladder with slip guard. It is braced securely to the top of the tank near the filler cap.

All hardware is supplied. Erection time is one-third of steel bins. Time is money!

Frames have a baked-on polyester powder coat finish which resists corrosion.

It is recommended that you use a concrete pad at least 5 1/2" thick for our 4.5 ton thru 8.5 ton units.

Bulk Bins



Vented Filler Cap

Size Specification Chart

Ton Size	Cubic Feet	Bushel Capacity	Height	Diameter	Weight
.5	30	24	78"	52"	180
.9	47	37	9'	68"	420
1.5	75	60	9'6"	74"	470
2.5	130	104	11'5"	74"	500
3.5	180	144	13'5"	74"	540
4.5	220	176	12'6"	96"	800
6.5	325	260	16'	96"	850
8.5	425	340	19'6"	96"	950

PolyDome Bulk Bins are designed to nest for shipping.

PolyDome Bulk Bin Accessories



Standard 90° Slide Valve

30° Slide Valve

45° Slide Valve w/Auger Boot

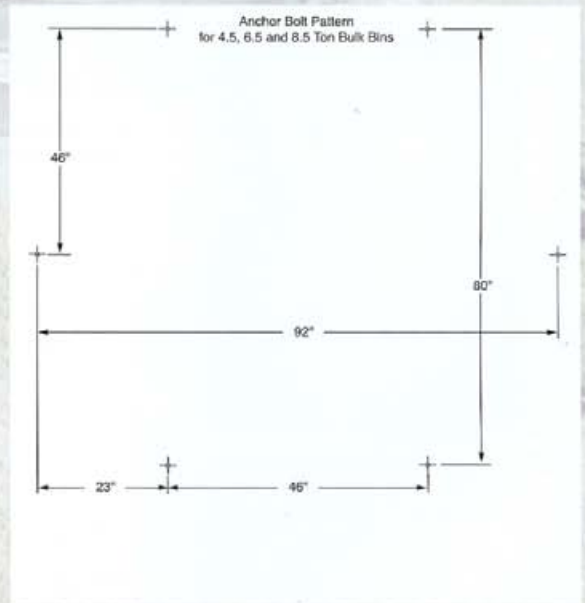
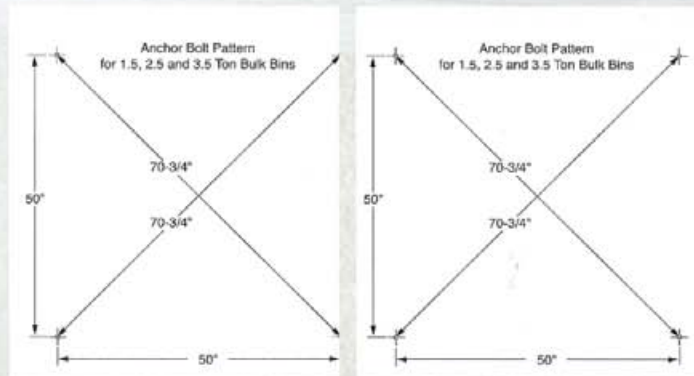
90° Slide Valve w/Auger Boot

Note: Augers are not included. Augers are shown for illustration purposes only. Augers are available from PolyDome.

PolyDome has many accessories available to allow you to customize any of our Bulk Bins to meet your needs. All accessories are made of the same high-impact polyethylene as our PolyDome Bulk Bins. Augers are also available through PolyDome.

Anchor Bolt Patterns for Bulk Bins

Anchor bolts should be drilled into a 5-1/2" concrete slab. All dimensions are approximate.



PolyDome Utility Sleds



Standard Features:

- Made from high-impact, UV stabilized polyethylene
- Smooth, slippery surface makes sleds easy to pull
- No ice and snow build-up
- Built-in runners for stability and tracking
- Molded-in supports for rope or rigid hitch
- Available in 3 sizes: small, medium or large

Our new PolyDome Utility Sleds are the affordable answer for your winter hauling needs. Constructed of tough, heavy-duty polyethylene plastic, these sleds are the ideal solution for winter work or play. These are not your run-of-the-mill, light-weight toys—but rugged, hard-working sleds that can stand up to your toughest chores.

The all poly construction offers a very easy pull, while maintaining excellent flotation in soft snow. Built-In runners offer superior stability and tracking on hard-packed surfaces.

Molded-In supports make attaching a rope or standard rigid hitch a snap.

The Utility Sled is very useful in hauling your feeds, hay bales, bottles, and newborn calves out to their PolyDome Nurseries*. It also works great for hauling your ice fishing supplies and equipment.

Available in three sizes:

- 48" long x 20" wide x 8" deep
- 53" long x 25" wide x 10" deep
- 59" long x 30" wide x 13" deep

*Use a rigid hitch when moving loads over 20 pounds.



Detail showing molded-in rope/hitch supports



PolyDome Silo Accessories



Standard Features:

- Allows 220° rotation
- Made from high-impact, UV stabilized polyethylene.
- Corrosion resistant
- Easy cleaning
- Slippery surface reduces bridging, and plugging
- Steel support frame allows easy pull out for access
- Fast, easy installation and set-up
- All mounting hardware included

PolyDome has the silo accessories you need to make feeding times faster and your chores easier. The **PolyDome Swivel Hopper, Silo Hopper, Clean Chute and Chute Liner** work in combination to deliver high-moisture silage to your feeding area where you need it, when you need it, without the hassles of plugging and clogging. Plus, they keep your silo chute clean and accessible.

The **PolyDome Swivel Hopper** is the perfect delivery system for your silo. It allows 220° of rotation to put silage where you need it. Made of high-impact polyethylene, the **Swivel Hopper** out performs other materials for slipperiness to allow clean discharge without plugging or bridging. It has a deep throat to handle high-moisture haylage.

The 10" funnel opening will accommodate our 10" plastic pipe extension. (Pipe is available in 3' lengths.) The opening can be enlarged to nearly 12" by cutting off a few inches from the tapered funnel. You can direct silage to a conveyor to save handling time.

The **PolyDome Silo Hopper** has most of the same features of our **Swivel Hopper** except it is one-piece and does not swivel.

Our mounting brackets attaches directly to the silo with 4 anchor bolts. The **Swivel Hopper** or **Silo Hopper** can then be simply pulled out like a drawer to allow easy access to the silo chute. No attachment to the silo chute is needed.

Swivel Hopper Sizes:

PD3228 – 32" Wide x 28" deep

PD3530 – 35" Wide x 30" deep

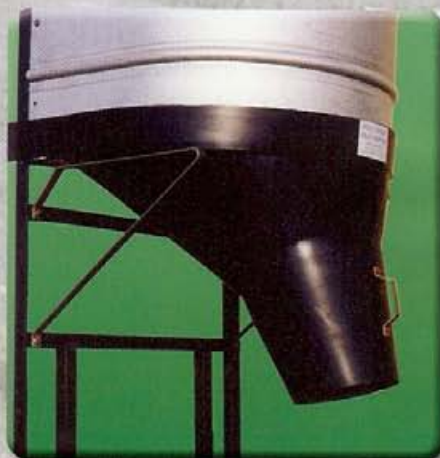
PD4230 – 42" Wide x 30" deep

PD4442 – 40" Wide x 42" deep

Silo Hopper PD3232 – 32" x 32"



Removes easily for cleaning or silo chute access



PolyDome Silo Hopper

PolyDome Clean Chute



Standard Features:

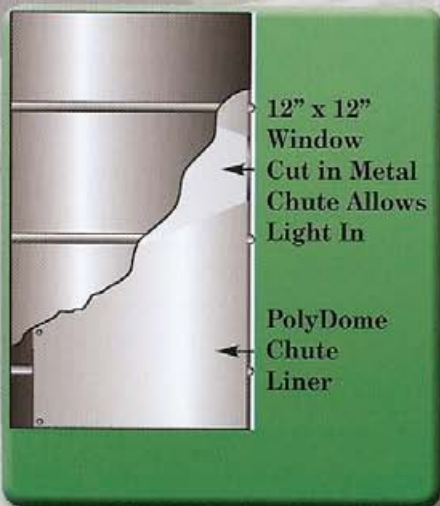
- Works with any blower or conveyor system
- 9" Funnel with clamp-on collar holds 9" plastic tubing
- Made from high-impact, UV stabilized polyethylene.
- Easy cleaning
- Slippery surface reduces bridging, and plugging
- Slips in behind silo chute door frame to allow easy removal for access
- Fast, easy installation and set-up

The PolyDome Clean Chute was designed as a low-cost way to keep your silo chute clean when used with an inexpensive poly bag all the way down to the bottom of the chute. The Clean Chute slips in to the chute doorway. You simply cut off the excess bag as you move the Clean Chute down.

The PolyDome Clean Chute is 24" wide x 28" tall. The unit will fit in a door opening as small as 17" x 21" x 9" deep. It removes easily for access. The Clean Chute has a new snap clip design to securely hold the bag. (Poly bag sold separately. Order to length, 19" and 21" lay flat sizes available.)

Order PD2032 - Clean Chute

PolyDome Chute Liner



Standard Features:

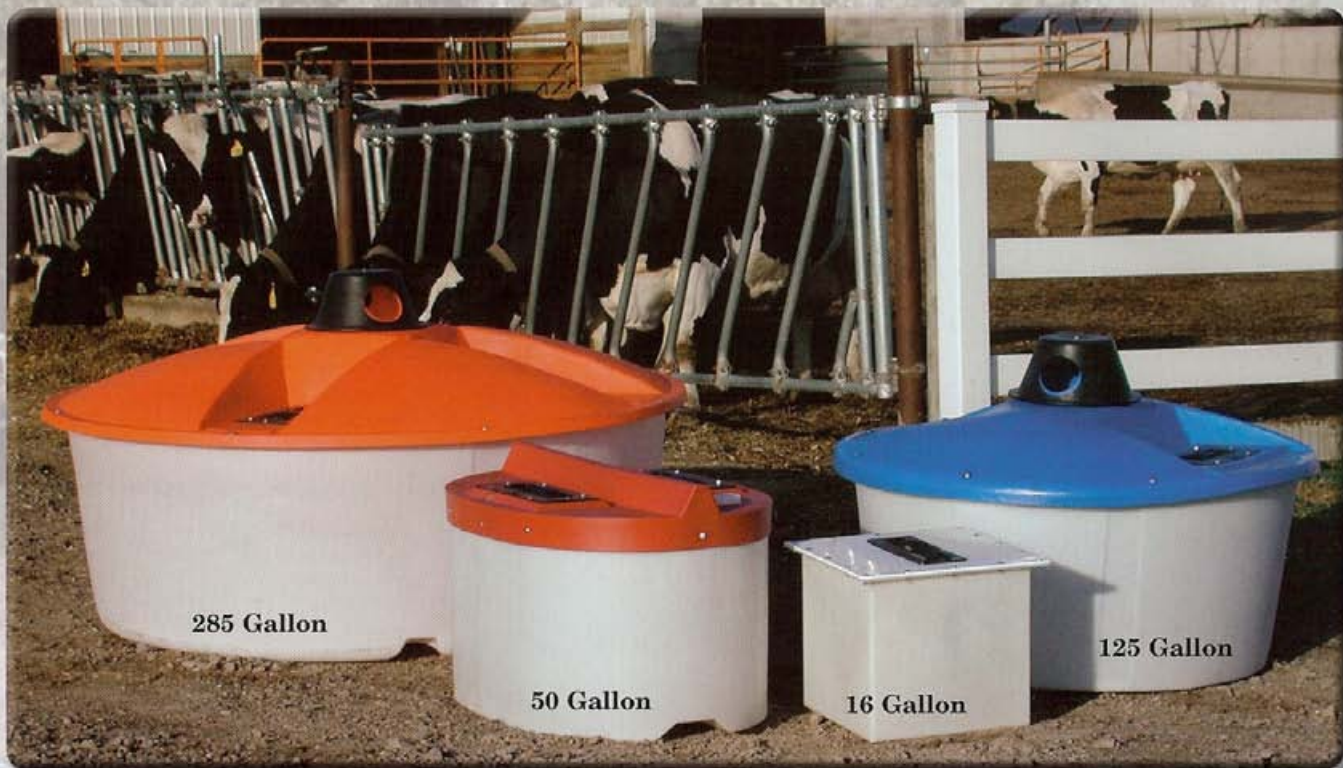
- Made from high-impact, UV stabilized polyethylene.
- Easy to clean-keeps chute clean
- Slippery surface reduces bridging
- Translucent material allows light in chute
- Available in 6' lengths:
- Fast, easy installation
- All mounting hardware included

PolyDome Chute Liner is made of heavy-gauge polyethylene. Its slippery surface helps keep your silo chute clean. The translucent **Chute Liner** can be used to add light in the silo chute by cutting a 12" x 12" hole in the outside chute every 6 feet. The **Chute Liner** is 52" wide and 6'1" long to give 6' of coverage. It's easy to install. Simply strike a line in the center of the chute from top to bottom. Mark the center of the **Chute Liner** at top and bottom; position on line; and screw in place. Screw directly through **Chute Liner** into chute using standard sheet metal screws.

Order PD2024 - Chute Liner

Our new **PolyDome Chute Liner** is molded especially for relining silo chutes. Unlike our competition, the

PolyDome Lick Tanks



Standard Features:

- Made from high-impact, UV stabilized translucent polyethylene
- Polypropylene wheels with 1-piece brackets
- Calibrated for U.S. and Imperial Gallons
- Easy cleaning
- Bolted-On rotating center filler cap (125 and 285 Gallon tanks)
- Built in 'water-dam' drains water around wheel holes
- Permanent molded-in graphics available for logos
- Your company colors, and also available in two-tone.

PolyDome Lick Tanks are built tough to give years of dependable service. Our **Lick Tanks** are constructed of heavy duty polyethylene to resist dents and punctures and won't rust or corrode. The covers are designed to shed water and protect liquid feed. They are constructed with enough weight so cattle won't move the tank; can withstand rough use; and yet light enough for easy handling. Our tanks are translucent for ease in observing the fluid levels.

PolyDome Lick Tanks feature a heavy-duty polypropylene wheel with a one-piece bracket for durability. All bolts, nuts and washers are included for easy installation.

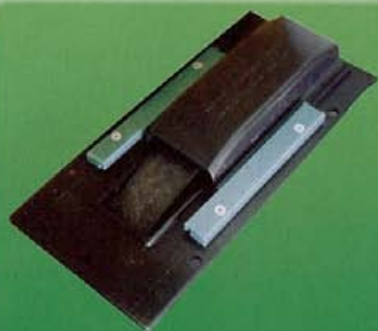
Our large **Lick Tanks** come with

a spin filler cap that is bolted on and seals against weather. Cattle cannot lick it off. To close the cap, spin 1/4 turn. The 50 gallon size has a 2" filler cap.

The **PolyDome 50** and **125** gallon tanks feature a **Side Wheel** design that is weather-protected with rain rails along the sides and raised wheel openings. Our 50 gallon size is available in your choice of a one or two wheel set up.

The **PolyDome 285** gallon **Lick Tank** is available in a **Center or Side Wheel** configuration. This **Lick Tank** easily converts from 2 to four holes. The 285 gallon unit has a domed bottom for better emptying between fills. A mineral feeder attachment is available.

PolyDome Lick Tanks



Optional Lick Limiter



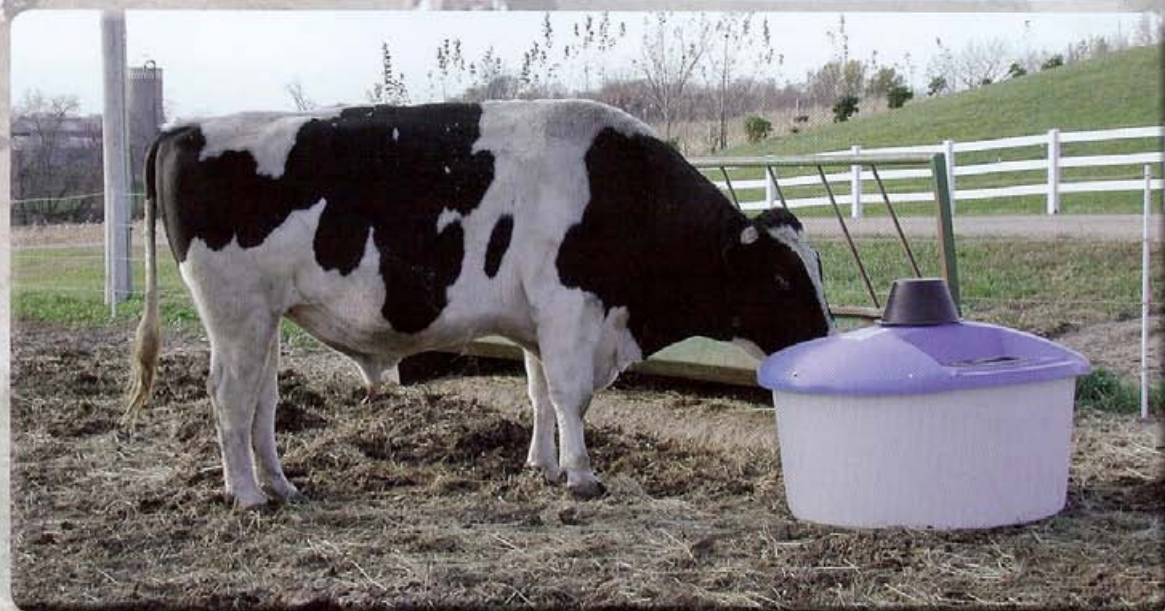
*Molded-In gallon indicator.
(Model 125 and Model 285 only)*



*Polypropylene wheel and bracket
prevent excessive wear.*

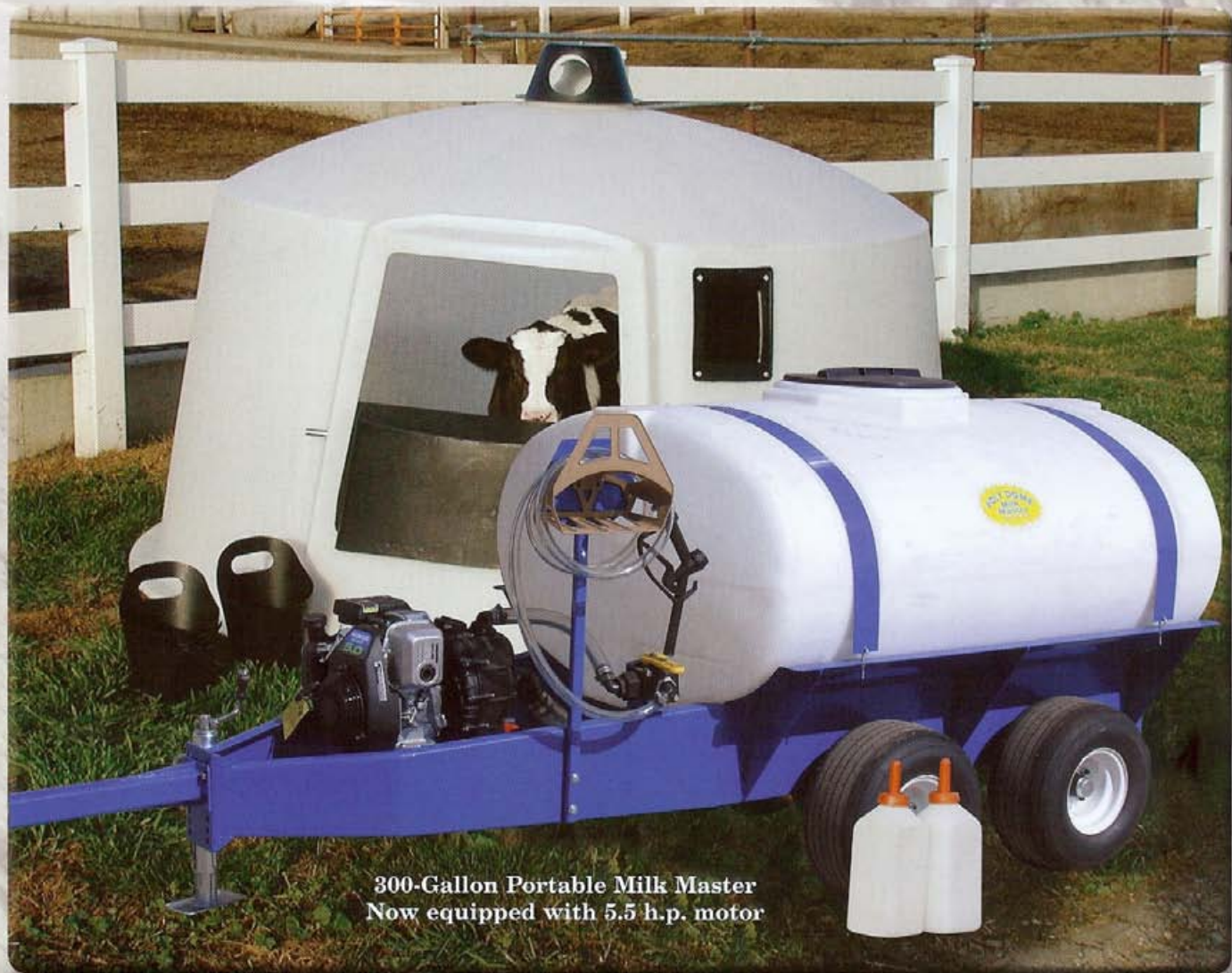
Specifications

	Model 16	Model 50	Model 125	Model 285
Gallon Capacity	16	50	125	285
Outside Dimensions	16x16"	26x37"	50" Dia.	68" Dia.
Depth of Tank	16"	22"	23"	24"
Feeder Wheels	1	1 or 2	2	2 or 4
Wheel Locations	Center	Side	Side	Side or Center
Wheel Diameter	16"	22"	22"	22"



Grand Champion Holstein Bull owned by John Mohr, Glencoe, MN was raised in a PolyDome Calf Nursery

PolyDome Portable Milk Master



300-Gallon Portable Milk Master
Now equipped with 5.5 h.p. motor

The PolyDome Portable Milk Master is the easy way to deliver milk to your calves. The trailer has a welded steel frame, that is powder coated to resist corrosion. Large, floatation-type tires and 1" bearing hubs roll easily through muddy or rough areas. It has an adjustable hitch so that the trailer can run level behind almost any tow vehicle. A built-in front swivel stand holds the unit level while unhooked from the tow vehicle. Optional ball hitch is available.

The tank is made from high-impact resistant polyethylene that is easy to clean and sanitize. The

calibrated tank allows precise measuring of water. The hose is 3/4" I.D. heavy-duty, plastic with a gas hose

style dispensing valve for easy filling of milk bottles.



Three-way valve for mixing and circulating the milk.

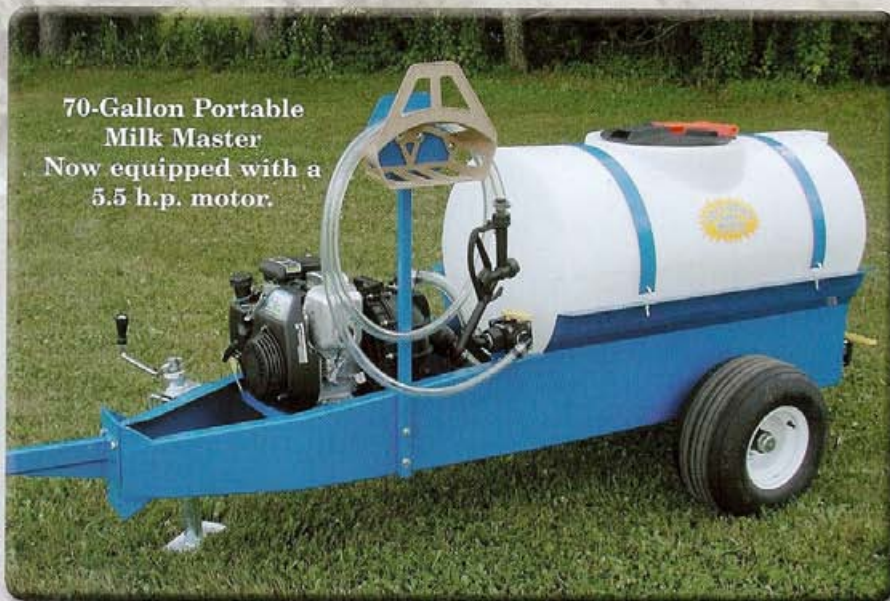


Heavy-duty, 3/4" I.D. x 10 ft. hose with gas hose style dispensing valve.

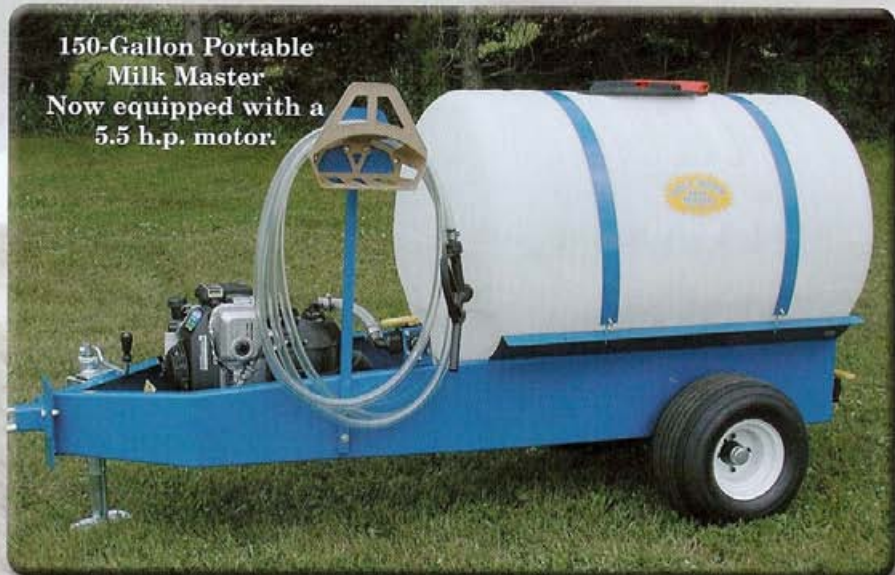
PolyDome Portable Milk Master

Standard Features:

- High-Impact Polyethylene Tank
- Easy to Clean and Sanitize
- Large Filler Opening
- Calibrated Volume Indicators for U.S. Gallons
- Drain Valve on Back of Tank
- Heavy-Duty, Reinforced, Drain Hose for Easy Dispensing
- 5.5 HP 4-stroke Honda Pump Motor
- Three-Way Valve for Mixing and Circulation of Milk
- Welded Steel Frame Trailer
- Floatation Tires and 1" Bearing Hubs
- Adjustable Hitch
- Front Swivel Stand



70-Gallon Portable Milk Master
Now equipped with a 5.5 h.p. motor.



150-Gallon Portable Milk Master
Now equipped with a 5.5 h.p. motor.



5.5 HP, 4-stroke, Honda pump motor.

The discharge pump is powered by a 5.5 HP, 4-stroke, Honda engine for reliable service. The pump can provide up to 50 psi of pressure. A three-way valve allows easy mixing and circulation of the milk.

A lower rear spigot allows complete drainage of the tank for easy cleaning.

The Portable Milk Master comes in 3 sizes: 70-gallon, 150-gallon and 300-gallon.



Rear drain spigots.



Pin-type or optional ball hitch.

15 & 32-Gallon Milk Masters



15-Gallon

32-Gallon

Standard Features:

- High-Impact Polyethylene
- Easy to Clean
- Heavy-Duty Drain Hose for Easy Dispensing
- Large Filler Opening
- 3-Blade, Plastic Mixing Propeller on 15 and 32-Gallon Models
- Polyethylene Stand
- Ground Fault Protected Cord
- Conical Bottom for Complete Draining
- Calibrated Volume Indicators for U.S. Gallons
- 1/15 HP Totally Enclosed Motor on 15-Gallon Model
- 1/6 Hp Totally Enclosed, Fan-Cooled Motor on 32-Gallon Model

The PolyDome Milk Master mixing tanks are made from high-impact resistant polyethylene. The stands for the 15 and 32-gallon models are also molded from polyethylene.

These mixers are designed to make mixing fast and easy. The calibrated tank allows precise measuring of water. Efficient, 3-blade plastic propeller mixes milk replacement quickly.

The 15-gallon unit comes with a 1/15 HP totally enclosed motor. The 32-gallon model comes with a 1/6 HP totally enclosed, fan-cooled motor.

Easy-to-clean surface saves you valuable chore time.

All PolyDome Milk Master mixers come with a GFIC in the power cord for safety.

NOTE: Twin 3-Blade propeller on 50, 80, and 120-gallon models.



15 and 32-gallon models have a single 3-blade propeller

Operation:

1. Determine dry powder mix and water amounts by the manufacturer's instructions. For best mixing, we recommend using hot water.
2. Pour water into the holding tank, turn the mixer motor on and let the water start to agitate.
3. Slowly add the powder and run the Milk Master for 2-4 minutes or until mixing is complete.
3. Clean the Milk Master with standard milking parlor cleaner.
4. Follow instructions on the motor for maintenance.

50, 80, & 120-Gallon Milk Masters

Standard Features:

- High-Impact Polyethylene
- Easy to Clean
- Heavy-Duty Drain Hose with Econo Gun for Easy Dispensing
- Large Filler Opening
- Twin 3-Blade, Plastic Mixing Propellers
- Ground Fault Protected Cord
- Conical Bottom for Complete Draining
- Calibrated Volume Indicators for U.S. Gallons
- 1/3 HP Farm Duty, Totally Enclosed, Fan-Cooled Motor
- Separate 1/3 HP Stainless Steel Pump for Discharge
- Sturdy Steel Support Stand with Corrosion-Resistant, Baked-On Polyester Powder Coated Finish



The high-capacity, PolyDome Milk Master mixing tanks are made from impact-resistant polyethylene. The stands for the 50, 80, and 120-gallon are made from steel, with a powder coated finish for durability and corrosion resistance.

The 50, 80, and 120-gallon models come with a separate 1/3 HP stainless steel discharge pump to drain the milk from the tank and fill bottles. They feature a handy Econo Gun filler handle on the end of the heavy-duty plastic hose to control the dispensing of milk.

The 50, 80, and 120-gallon models come standard with a 1/3 HP farm duty, totally enclosed and fan cooled motor for long life. Efficient, twin 3-blade plastic propellers mix milk replacement quickly.



Econo Gun filler handle



Ground fault protected cord



Stainless steel discharging pump

CAUTION

This unit must be plugged into a properly grounded electrical outlet. Always practice safety when handling any electrical items in wet areas!

PolyDome 3-Quart Bottles & Carrier



Standard Features:

Bottles:

- Made from high- impact, UV stabilized polyethylene
- 3-Quart capacity bottles
- Soft, durable rubber nipples, snap on and off
- Easy cleaning

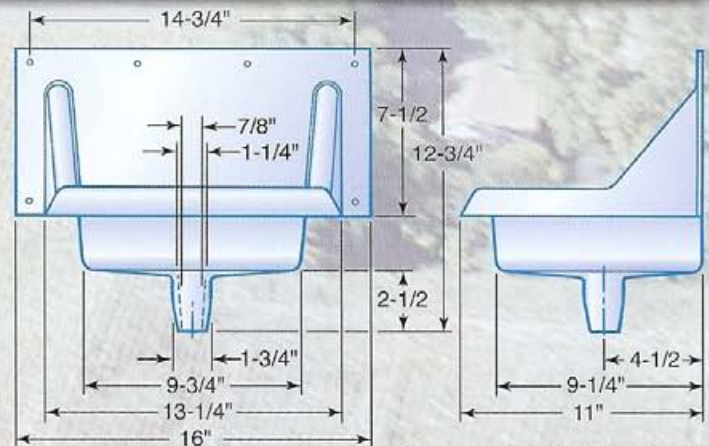
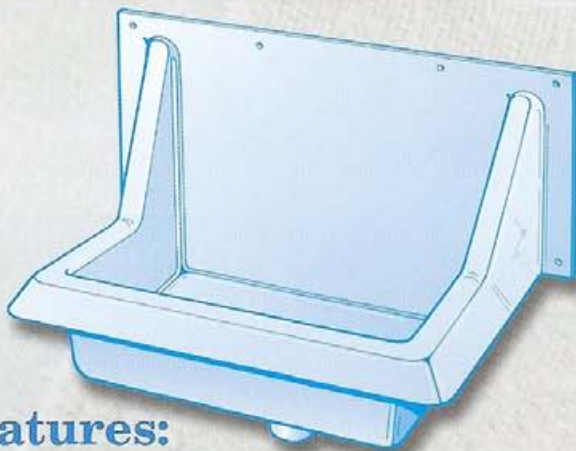
Carrier:

- Made from heavy, 1/4" steel wire rod
- Fusion welded joints
- Baked-on, polyester powder coat finish
- Collapsible handle
- Holds up to six, 3-quart bottles

Veterinarians and universities agree, 2 quarts is not enough milk for calves in cold weather . . . and some veterinarians claim it is not enough anytime. For faster gain and healthier calves . . . switch to PolyDome 3-Quart Bottles.

They are virtually indestructible and easy to fill and clean. The PolyDome Milk Bottle Carrier holds up to six, 3-quart bottles. The sturdy, all-metal frame and collapsible handle make it the perfect means of transporting bottles.

Grade A Hand Sinks



Features:

- Heavy-Duty, Roto-Moulded Polyethylene
- Smooth, seamless body is sanitary, and easily cleaned
- Low cost way to upgrade to Grade A specifications

This one-piece sink is constructed of tough polyethylene plastic for high durability and weather resistance. The smooth, seamless body is sanitary, and easily cleaned. This sink is a low-cost way to help you maintain or upgrade to Grade A specifications. The sink comes complete with 6 mounting screws.

PolyDome Litter Saver

Standard Features:

- Made from heavy-duty, UV stabilized polyethylene
- Easy set up
- Easy cleaning
- Easily sterilized with high pressure washer
- Automatic water can be installed in any location
- Assembles in 15 minutes
- FILTER-EEZE® support floor with 7/16" wide slot openings
- Tapered bottom for easy drainage

Providing a healthier home for your animals.

The PolyDome Litter Saver Pig Nursery is a safe haven and helpful tool in preventing flu and pneumonia in your litter. It is designed to hold eight to ten pigs from birth to 40 lbs. The Litter Saver is easy to install, easy to maintain and a perfect place to house your pigs until they are ready for living outdoors.

The Litter Saver 4-station feeder installs through the side wall with a steel bracket that allows feeder to be easily removed for shuttling of pigs in and out of the nursery. The feeder can be removed in just 30 seconds by lifting side pins. It has a 1.5 bushel capacity.

The unit has a 4" wide x 5' long x 2' deep overall floor dimension. The overall depth is 36" high x 56" wide x 68" long. The unit is supported by a heavy-duty, stand manufactured with 7/8" solid rod steel. Below the

floor is a 30 gallon capacity drain area with a 3" slide gate for easy draining.

A 36" door width is necessary to fit the unit inside of a building.



4 Station Feeder

PolyDome Feed Carts



Standard Features:

- Made from heavy duty, U.V. stabilized polyethylene
- High impact strength, even at low temperatures
- Easy cleaning—slick, smooth surface with no ribs, or seams
- Rounded bottom design for faster unloading or dumping
- Resists silage acids, feed additives, and other chemicals

PolyDome Feed Carts are built tough to give years of dependable service. Our feed carts are constructed of heavy duty polyethylene to resist dents and punctures and won't rust or corrode. They can withstand rough use; and yet are light enough for easy handling. Ultra-smooth, seamless bodies with no corners mean less chance of bacterial growth and easy cleaning. Rounded bottoms allow for easier dumping and unloading.

PolyDome Feed Cart Wheel Assemblies feature all-welded, bolted-on **steel frames** for solid support and durability. Large wheels include smooth-rolling bearings and semi-pneumatic tires. Front wheels are mounted on ball-bearing swivels for full, 360° rotation. All bolts, nuts and washers are included for easy installation.

5 Sizes available: 7, 12, 14, 15 and 20 Bushel Capacity



12 Bushel Feed Cart

PolyDome Feed Carts



15 Bushel Feed Cart

Specifications

	Model 7	Model 12	Model 14	Model 15	Model 20
Bushel Capacity	7	12	14	15	20
Outside Dimensions	44"x24"	50"x30"	56"x32"	56.5"x29.5"	67"x33"
Depth of Hopper	24"	24"	24"	16.5"	24"
When used with our wheel assembly					
No. of Wheels	4	4	4	4	4
Tires	8x2.50	10x3.50	10x3.50	10x3.50	10x3.50
Overall Height	36"	37"	37"	42"	37"
Load Rating	400 lbs.	500 lbs.	600 lbs.	600 lbs.	800 lbs.



20 Bushel

14 Bushel

7 Bushel

12 Bushel

PolyDome Trailer



PolyDome Trailers are perfect for pulling behind an ATV or lawn tractor. The molded one-piece polyethylene body is super strong and resilient. Molded-in fenders help keep mud and dirt from flying up at the tow vehicle. The slippery bed surface and tipper latch makes one-handed dumping easy. Large, flotation tires won't pack the ground or ruin your lawn even with a heavy load. Three models are available for hauling from 1200- up to 2000-pounds. The solid, all welded frame is powder-coated

PolyDome Trailer

Standard Features:

- Heavy-Duty, Puncture Resistant, Polyethylene Body
- 1200-2000 lbs. Load Capacity
- 15-30 Cubic Feet Hauling Room
- Molded-In Ribs for Added Strength
- Easy to Clean, Slippery Surface
- Tipper Latch for Dumping
- Durable, Powder-Coated Steel Frame
- 2" Ball Coupler
- 4-Bolt Wheel Hub Assembly
- 18" x 9.5" Wide, Knobby Floatation Tires
- Greaseable, Tapered Roller Bearings

to resist corrosion and built to last. Greaseable, high-speed tapered roller bearings ensure years of use. The standard 2" ball coupler has a lockable latch for safety.

Three sizes available;

Small—36" Wide x 65" Long x 12" Deep, 1200 lbs. load capacity

Medium—46" Wide x 65" Long x 14" Deep, 1500 lbs. load capacity

Large—60" Wide x 80" Long x 14" Deep, 2000 lbs. load capacity



Medium Trailer



Large Trailer



PolyDome Dog House



Large Rectangular

Standard Features:

- Natural or opaque material to protect sun heat
- Made from high-impact UV stabilized polyethylene.
- 3 Sizes available
- Weighs approximately 20 pounds
- Top removable for easy cleaning
- Can be used with or without a hinged door
- Entrance design keeps rain out

Give your dog the same protection and benefits of our Calf Nurseries. The PolyDome dog house will keep your pet warm in the winter by holding the dog's body heat inside. The light opaque color will keep your pet cool in the summer. The Polydome design keeps rain and snow out. A door can be installed for added protection from the elements. The two-piece design allows for easy cleaning. The small and medium size houses have a wide stance for stability. Our large size will accommodate large breeds and can also be converted to a carrier.

Three available sizes;
Small Round: 26" Diameter x 23" High, will accommodate smaller breeds such as terriers, beagles, and spaniels.

Medium Hexagon: 38" Wide x 43" Deep x 24" High, will accommodate breeds such as labradors, retrievers, and huskies.

Large Rectangular: 27" Wide x 38" Deep x 28" High, will accommodate large breeds.



Medium Hexagon



Small Round

PolyDome Duck House



The PolyDome Duck House is made of UV stabilized polyethylene. The house size is 10-3/4" wide x 11-1/2" deep x 19-3/4" tall in the front and 24" tall at the back. There is a removable bottom for cleaning. The backing is wood for easy installation and is 28" long. A wire mesh on the inside front helps young ducks escape when they are old enough.

PolyDome Work Area Cones & Stool



PolyDome Work Area Cones measure 27" high x 16-1/4" wide. They weigh 6 lbs. each.

The PolyDome Work Area Cones & PolyDome Stool are available in 7 colors:

- Red
- Orange
- Blue
- Gray
- Yellow
- Black
- Green



The PolyDome Stool is 27-1/2" high x 19" wide x 18" deep. It has a weight capacity of 300 lbs.

Wheelbarrow Replacements

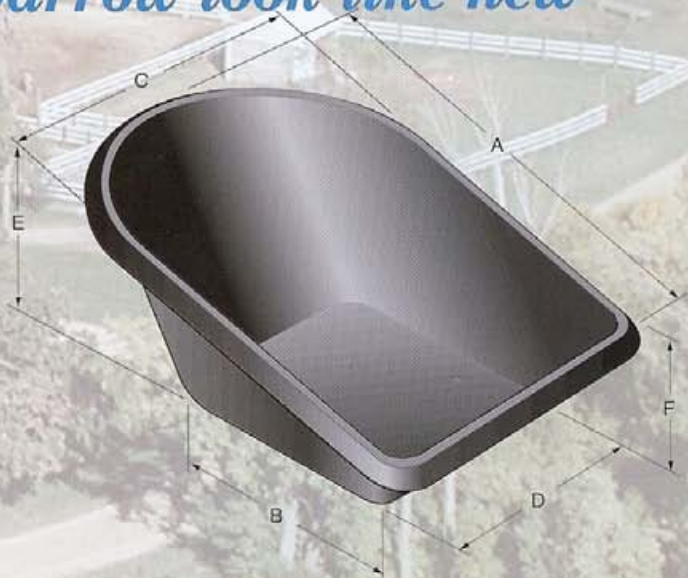


Features:

- Heavy-Duty, high-impact Polyethylene
- Extremely tough—resists heat, cold, sunlight, and warpage
- Non-Porous—resists moisture, silage acids, feed additives, and other chemicals
- Smooth, seamless body for easy dumping, and cleaning
- Fits most standard wheelbarrow frames
- 2 Sizes Available
- Black

“Make your old wheelbarrow look like new”

PolyDome's Wheelbarrow Replacement Bodies are the affordable answer for your damaged or rusted-out wheelbarrows. Our thick-walled, one-piece body is constructed of tough, U.V. stabilized (ultra violet sunray protection) polyethylene plastic that is lightweight and much more durable than steel or fiberglass. It has excellent stress cracking and puncture resistance. The smooth, seamless body, inside and out, makes for easy sanitizing and cleaning. Popular with cement contractors, farmers, and ranchers.



Model No.	Size	Approx. Cubic Foot	Outside Dimensions						Approx. Shipping Weight
			A	B	C	D	E	F	
PD-2026	Standard	5.4	39"	20"	27"	19"	16"	9-1/2"	13 lbs.
PD-2027	Large	7.2	44"	23"	31-1/2"	23"	16-1/4"	7-1/4"	18 lbs.

Western Farm Sales
10864 88th ST SE
Oakes, ND 58474
1-800-635-3293

62824 250th Street
Litchfield, MN 55355
www.polydome.com

PolyDome

320-693-8370 or 320-693-9323
1-800-328-POLY
Fax: 320-693-2434