

Hoppercone

by REDSTONE INDUSTRIES

Hoppercone has been building hoppers for over 30 years. You can rest assured that we understand our customers and their specific needs.

BENEFITS OF A HOPPER

- **Lifetime of use** with little maintenance required throughout the life of the product
- **Safety:** Complete unload with no need to enter bin
- **Better Health:** No breathing grain dust
- **Ease of use:** No more scooping
- **Easier on grain** compared to bin sweeps and vacuums
- **Quicker Loadout** when hauling grain
- **Efficiently feed** a dryer
- **Add capacity** to existing bins
- **Custom built** to exactly fit any size or brand

THE BEST WAY TO HANDLE GRAIN
WWW.HOPPERCONE.COM

As a small company we work a little differently...

- We prefer to work directly with farmers or millwrights to determine the best solution
- No inflated list prices with complicated discounts.
- Pricing is simple and direct as possible
- We are a fabrication shop, so we love creating solutions to unique customer needs
- Since we are actively involved in each step of the process from design to final installation, we streamline the design for better efficiency and ultimately better value for you
- We are dedicated to 100% customer satisfaction. We realize everyone makes mistakes, however, if we make one, we do what it takes to fix it



ADVANTAGES OF A WELDED HOPPER

- All seams welded 100%
- Square tubing legs & bracing – no angle iron
- Smooth welded seams – no bolt heads to restrict flow
- Painted inside and out
- Very little assembly
- We can also split welded hoppers in half allowing transport of up to 24' hoppers in one load.
- Split hoppers make transport easier
- Hopper halves bolt together with no welding required
- Taller cones have bolt on leg extensions to keep height down for transport

ADVANTAGES OF A BOLT TOGETHER HOPPER

- Allow Us To Build Hoppers Too Large for Transport
- Hopper breaks down into sections for shipping allowing multiple hoppers per load
- Less Freight Costs When Shipping Long Distances
- Bolt together hoppers are CAD designed for each size, capacity and application
- Parts Cut With Hi-Definition Plasma
- Can be used for unique applications such as Inside a Harvestore or Concrete Silo
- Hoppers can be designed for much larger bins

Both are available at Hoppercone



Split in two halves for hauling



Smooth Seams



Bolt Together Loaded on truck



Hopper in Silo



Manhole with Cover



Rack and pinion slide gate



New! Aeration Hopper



Aeration Tube - 12 inch

OPTIONS AND ACCESSORIES

Standard Features on every Hopper

- Heavy Duty 19" Rack and Pinion Gate
- 19" x 24" Manhole with Cover

Add-ons

- **Aeration Systems**
 - 12 or 18 inch Aeration Tubes
 - Angle Ring Flange to mount fan
 - New fans
 - New! Aeration Hopper
- **Auger Boots**
 - Heavy Duty, All Steel Construction
 - Accommodates 4-10 inch Augers
 - Bolt Directly to Rack & Pinion Slide Gate
 - Bearing at the Bottom for Smooth Operation
 - Custom built to any fixed angle
 - Adjustable Angle Boot
- **Utility Augers**
- **Side Discharge**
Setting up a permanent auger to your dryer but want a way to load out into a truck? We have a side discharge option available. It uses a smaller version of our standard gate.
- **Steel Bases**
Moving your bins and don't want to pour concrete? Want your hopper able to be moved? We build steel bases allowing you to set up hopper bins without concrete.
- **Stiffeners**
We offer sidewall stiffeners to reinforce your bin and brackets to accommodate existing stiffeners.
- **Ground Operated Lid**
Open your bin lid without climbing the bin! We can provide lids for any size opening operated from the ground.

• Extra Customization

Do you have an idea of something to make your life easier? If it is out of steel, we can build it. We specialize in fabrication to build whatever you need!

• New Bin Packages

We offer new bins designed specifically for hoppers with the heaviest bottom ring in the industry

• Smoothwall bins

We are a dealer for smoothwall bins

EXTRAS

• Bin Parts

Do you want to expand the capacity of your bin when installing on a hopper? We can get replacement rings for your bins. We can also get any bin parts and accessories such as roof vents, ladders and cages.

• Superstructures

We build superstructures for load outs. They can be customized to fit your needs. All structures are engineered for the size of hopper bin on top. They are built from beams and fully bolted together with no welding required.

Do you need a level indicator when filling bins?

Install a Levalert!

Simple to install and easy to see!

www.levalert.com



Auger Boot



Side Discharge Gate



Steel Hopper Base



Ground Operated Lid

**How do we fit the hopper to your bin?
Here is what we need...**

With a steel 100' tape, measure the circumference (all the way around) the bin in the valley of the corrugation. This measurement is the most critical to a good fit.

It is also helpful to know the width of the corrugation. Usually this measures either 2.66" or 4".



Measuring Circumference



Measuring Corrugation



Bolted in valley



Inside bin bolted to hopper

The hopper is built slightly smaller than your measurement, allowing the bin to fit snugly over the outside of the hopper.

Typically, the hopper is bolted to existing bins in the bottom valley of the corrugation. The hopper has slotted holes pre-cut but the holes in your bin will need to be drilled once the hopper is in place. Small tabs on the hopper top ring allow you to set the bin down over the ring and it will hold bin at the correct height for fastening.

HOPPER SIZES	ADDED BUSHELS	HEIGHT	HOPPER SIZES	ADDED BUSHELS	HEIGHT
12' 45 degree	180	8'	24' 40 degree	1,236	12' 6"
14' 40 degree	215	7' 10"	24' 45 degree	1,447	13' 10"
14' 45 degree	253	8' 9"	27' 35 degree	1,425	11' 11"
15' 40 degree	286	8' 2"	27' 40 degree	1,717	13' 6"
15' 45 degree	345	9' 11"	27' 45 degree	2,061	15' 9"
16' 40 degree	400	8' 8"	30' 35 degree	1,988	12' 8"
16' 45 degree	475	10'	30' 40 degree	2,382	14' 8"
18' 37 degree	461	9' 3"	30' 45 degree	2,838	16' 10"
18' 35 degree	429	8' 9"	33' 35 degree	2,646	14' 2"
18' 40 degree	514	9' 7"	33' 40 degree	3,213	16' 3"
18' 45 degree	611	10' 11"	33' 45 degree	3,780	18' 4"
21' 35 degree	677	10'	36' 35 degree	3,435	14' 9"
21' 40 degree	824	11' 4"	36' 40 degree	4,117	17' 1"
21' 45 degree	992	12' 8"	36' 45 degree	4,900	19' 11"
24' 35 degree	1,005	10' 9"			

Our Hoppercones and components are designed for various commercial and farm applications such as storage, drying, cleaning, feeding and distribution. We offer sizes ranging from 10 to 42 foot diameter hoppers but will quote and custom build other sizes if necessary.

Give us a call today!



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