



**Big Dutchman®**



# **FEED BINS**

Feed Storage Bins

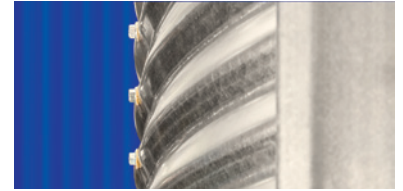
## FEED STORAGE BINS

The new series of feed hopper bins are now available in 3 standard sizes of 6, 9 and 12 feet in diameter. Each of the 3 sizes are available in 1 - 4 rings and the 12' bin is also available with 5 or 6 rings.

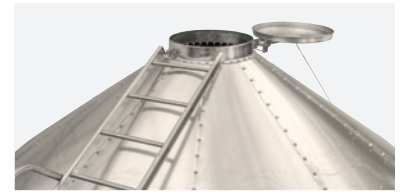
The bins are designed to store flow able, noncorrosive material with 50 pound/cubic foot (800.9kg/m<sup>3</sup>) bulk density maximum.

### FEATURES AND ADVANTAGES:

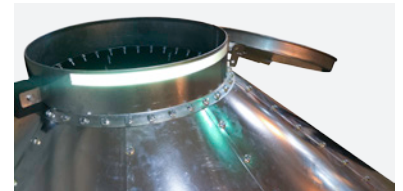
**G115 GALVANIZING:** The G115 galvanized coating extends the life of the galvanizing by 28% of G90.



**PEAK LID:** A unique lid design opens 180 degrees, keeping it out of the way of potential damage during filling.



**REFLECTIVE TAPE:** Super engineering grade reflective tape at the peak opening allows for easy identification of the fill area at night. Tape is only visible when the lid is open, so the operator not only knows where to fill, but if the lid is open and ready for filling. The weather resistant reflective tape is rated for a 12-year life minimum.



**DRIP GUARD:** Drip edge at bottom of sidewall sheets minimizes potential moisture down the hopper sheets and into the boot area.



**OUTLET HEIGHT:** The clearance under the outlet collar is 33.5" - providing plenty of room for unloader accessories.



## **BIN WALLS**

All bin wall sheets are of corrugated, galvanized steel with 2.66" (67.56mm) corrugation.

Wall sheets have 1.15 oz. per square foot (350 g/m<sup>2</sup>) zinc coating (G-115 designation). 2.66" corrugation sheets have 32" (812.8mm) vertical coverage. Horizontal coverage of bin wall sheets is 112.5" (2,856mm) for 6' (1.83m) and 9' (2.74m) bins. All 5/16" bolts are electro-galvanized grade 8.2 with self-sealing injection molded washers. Sealer strip is provided to seal all vertical sidewall seams. Anchor bolts are standard with all feed hopper bins.

## **STANDARD ROOFS**

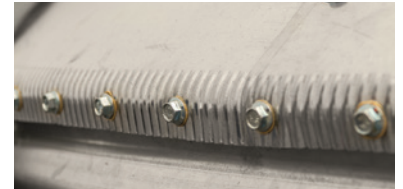
All bins have a steep 40° roof slope. A roof ladder from eave to the peak is standard with your bin. Sealer strip is provided for all roof seams.

## **SAFETY CAGE KITS**

Safety cages for ladders are available for the 9' and 12' bins.



**CRIMP:** Crimp at room follows the contour of the sidewall sheet ensuring protection from the elements.



**STURDY LADDER WITH HANDRAIL:** Ladder brackets have contours that match the corrugation of the sidewall sheets for maximum strength and safety.



## SPECIFICATIONS FOR BINS WITH 40° ROOFS

### 6ft. (1.83m) diameter Bins - w/60° Feed Hopper, 16 or 22 in. opening

No. of Rings	Approximate maximum capacity			
	Cubic Feet	US tons	Cubic Meters	Total Height
1	142	2.8	4.0	11' - 8.5" / 3.57M
2	216	4.3	6.1	14' - 4.5" / 4.38m
3	291	5.8	8.2	17' - .5" / 5.19m
4	365	7.3	10.3	19' - 8.5" / 6.01m

### 9ft. (2.74m) diameter Bins - w/60° Feed Hopper, 16 or 22 in. opening

No. of Rings	Approximate maximum capacity			
	Cubic Feet	US tons	Cubic Meters	Total Height
2	568	11.4	16.1	18' - 3"/5.56m
3	736	14.7	20.8	20' - 11"/6.36m
4	904	18.1	25.6	23' - 7"/7.19m
5	1,071	21.4	30.3	26' - 3"/8.00m

### 12ft. (3.66m) diameter Bins - w/60° Feed Hopper, 16 or 22 in. opening

No. of Rings	Approximate maximum capacity			
	Cubic Feet	US tons	Cubic Meters	Total Height
1	854	17.1	24.3	19' - 5 3/8" / 5.23m
2	1,153	23.1	32.7	22' - 1 3/8" / 6.74m
3	1,451	29.0	41.1	24' - 9 3/8" / 7.55m
4	1,750	35.0	49.6	27' - 5 3/8" / 8.37m
5	2,048	41.0	58.0	30' - 1 3/8" / 9.18m
6	2,347	46.9	66.5	32' - 9 3/8" / 9.99m

**Notes:** No compaction factor  
 Capacities based on 40° roof completely filled  
 35.31 cubic feet per cubic meter



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Technical details are subject to change.

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