



**DURABLE**  
**DEPENDABLE**  
**STABLE**



2008 102nd Ave NE  
Pekin, ND 58361  
call: (701) 739-9268  
[www.hopperbottombins.com](http://www.hopperbottombins.com)





# MORE THAN JUST AN IDEA

At Concept Industries, our mission is to provide and build top quality bin solutions for the farmers we serve. Service and relationships are the core of how business is done at Concept. We strive to offer products at a fair price while maintaining quality.

## WE BUILD BINS TO LAST

Concept bins are built with a 10-year structural warranty and a 5-year paint warranty. Our bin coating process creates a strong paint adhesion and results in a high quality protectant for your bin. This protectant also makes the bin easy to clean and increases product flow.

## WHAT OUR CUSTOMERS ARE SAYING ABOUT CONCEPT BINS:

“

“For our farm, price was a factor and Concept Industries bins came in at least 15% lower than all other quotes. We noticed right away the quality of the build of these bins and heavy gauge of steel. When putting in your temperature cables, there was a noticeable difference felt walking on the roof from our other smooth wall bins. Our (Concept) bins were early in production and the attention to detail and workmanship was outstanding. Ladders are very comfortable and we really like the ring around the top of bin lid. From the sale to installation of the bin the service was great.”

- Nathan Friesen

”

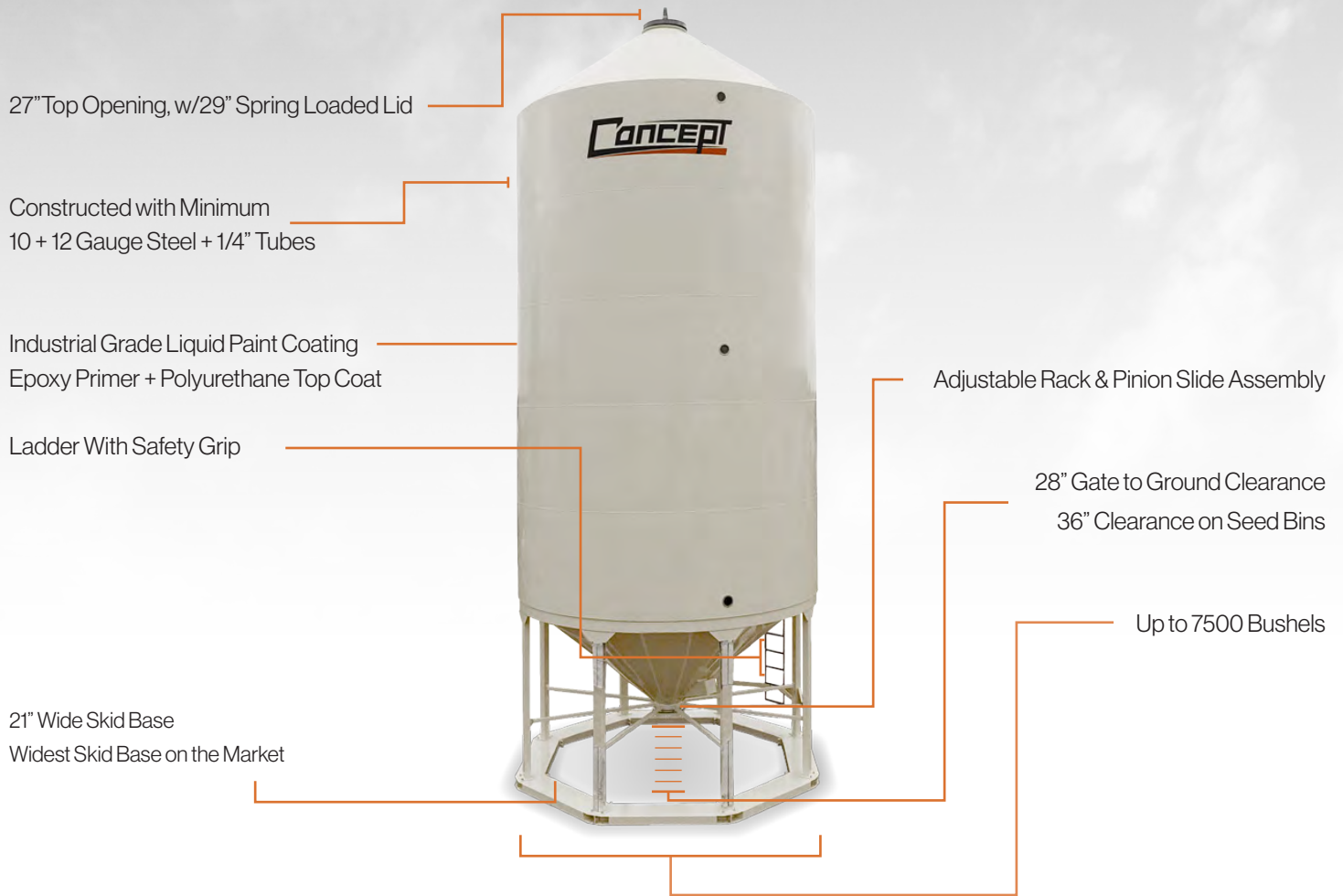
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“We were looking for 10,000 bushel corrugated hopper bins- the smooth walls bins were preferable for our farm and more affordable. We noticed right away the quality of Concept Industries bins was far superior to anything on the market.. The design and welds were much better than the other smooth wall bins we have on the farm. The bin design is very well thought out with attention to detail as the large hole on top make setting up the auger super easy. The adjustable crank being standard was an added bonus.”

- Jeff Calder

”

# FEATURES & BENEFITS



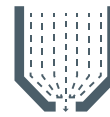
## WIDE BASE

Widest Skid Base on the Market



## LIQUID PAINT

Better salt spray ratings and better edge protection for prevention of rust



## SMOOTH FINISH

Smother finish increases product flow keeping the inside of your bin clean

## BENEFITS

- 10-year structural warranty with 5-year paint warranty
- All Concept bins come standard with an epoxy primer and a polyurethane top coat
- Feed bins have interior paint as well as spring loaded, vented lids
- Larger top openings
- Heavy duty bins

## INDUSTRIAL GRADE LIQUID PAINT COATING

Concept offers a 3-step acid wash/clean specifically designed to prep the steel before paint for better adhesion. This product offers better salt spray ratings, advanced edge protection to prevent rust, and the smooth finish increases product flow keeping the inside of your bin clean.



# COMMERCIAL & STEEP CONE BINS

## FEATURES

- 27" Top opening with 29" spring loaded vented lid
- Constructed with minimum 12 guage steel
- Interior paint
- Ladder with safety grip
- 30" Clearance under bottom gate
- Stores up to 7500 bushels
- Adjustable rack and pinion slide gate assembly



## STEEP CONE BINS

MODEL	BUSHEL	CUBIC FIT	BIN HEIGHT	MIN AUGER REQ.
<b>14' Diameter 35 Degree Roof 55 Degree Hopper</b>				
1405-55	1275	1529	21'5"	39"
1410-55	1925	2297	26'5"	53"
1415-55	2570	3065	31'5"	59"
1420-55	3220	3833	36'5"	66"
1425-55	3870	4601	41'5"	71"
1430-55	4520	5369	46'5"	81"
<b>16' Diameter 35 Degree Roof 55 Degree Hopper</b>				
1605-55	1790	2141	23'6"	53"
1610-55	2635	3144	28'6"	53"
1615-55	3840	4147	33'6"	66"
1620-55	4330	5150	38'6"	66"
1625-55	5175	6153	43'6"	71"
1630-55	6020	7152	48'6"	81"
<b>18' Diameter 35 Degree Roof 55 Degree Hopper</b>				
1805-55	2315	2761	25'8"	53"
1810-55	3390	4032	30'8"	53"
1815-55	4465	5303	35'8"	66"
1820-55	5535	6576	40'8"	66"
1825-55	6610	7850	45'8"	71"
1830-55	7680	9119	50'8"	81"

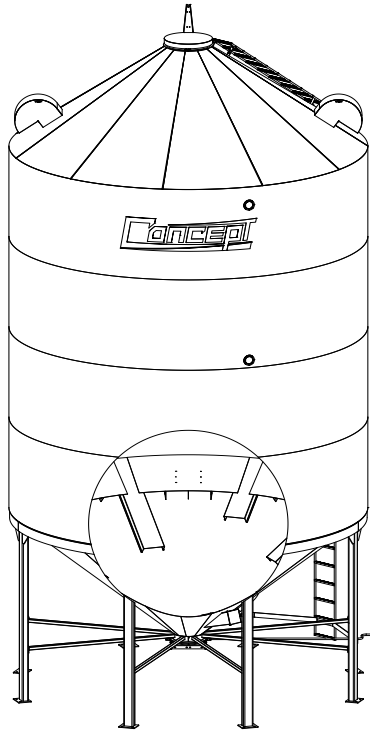
## HOPPER CONES

DIAMETER	BUSHEL	HEIGHT
<b>40 Degree Hopper</b>		
18'	500	106"
21'	705	118"
24'	1050	130"

# AIRPRO SYSTEM

Concept's Airpro system pushes the air directly into the hopper using a 360° cone air duct. The fan mounts directly onto the cone so no tube obstruction or material hang up.

Concept's Airpro provides the most efficient, clean and effective aeration system on the market.



## AIRPRO GRAIN BINS

MODEL	BUSHEL	CUBIC FIT	IMPERIAL TONS	METRIC TONNES	BIN HEIGHT	MIN AUGER REQ.
<b>16' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1615AP	3264	3840	119	108	29'2"	51
1620AP	4119	4845	150	136	34'2"	61
1625AP	4973	5851	181	165	39'2"	71
1630AP	5828	6856	213	192	44'2"	81
<b>18' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1820AP	5324	6263	194	176	35'9"	61
1825AP	5405	7536	234	212	40'9"	71
1830AP	7488	8809	273	247	45'9"	81

## AIRPRO FERTILIZER BINS

MODEL	BUSHEL	CUBIC FIT	IMPERIAL TONS	METRIC TONNES	BIN HEIGHT	MIN AUGER REQ.
<b>16' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1615APF	3264	3840	119	108	29'2"	51
1620APF	4119	4845	150	136	34'2"	61
1625APF	4973	5851	181	165	39'2"	71
1630APF	5828	6856	213	192	44'2"	81
<b>18' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1820APF	5324	6263	194	176	35'9"	61
1825APF	5405	7536	234	212	40'9"	71
1830APF	7488	8809	273	247	45'9"	81



# Grain Bins

## FEATURES

- 27" Top opening with 29" spring loaded lid
- Constructed with minimum 12 guage steel
- Industrial grade liquid paint coating
- Ladder with safety grip
- Adjustable rack and pinion slide gate assembly
- 28" Clearance under bottom gate
- Stores up to 7500 bushels

## GRAIN BINS

MODEL	BUSHEL	CUBIC FIT	IMPERIAL TONS	METRIC TONNES	BIN HEIGHT	MIN AUGER REQ.
<b>14' Diameter 35 Degree Roof 45 Degree Hopper</b>						
1405G	1171	1380	44	38	18'8"	36
1410G	1826	2149	67	60	23'8"	46
1415G	2841	2918	90	82	28'8"	46
1420G	3135	3688	114	104	33'8"	56
1425G	3789	4458	138	126	38'8"	71
1430G	4443	5228	162	148	43'8"	81
<b>16' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1605G	1556	1830	57	52	19'2"	36
1610G	2410	2835	88	80	24'2"	46
1615G	3264	3840	119	108	29'2"	51
1620G	4119	4845	150	136	34'2"	61
1625G	4973	5851	181	165	39'2"	71
1630G	5828	6856	213	193	44'2"	81
<b>18' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1805G	2080	2447	75	70	20'9"	41
1810G	3161	3719	115	105	25'9"	46
1815G	4242	4991	155	140	30'9"	51
1820G	5324	6263	194	176	35'9"	61
1825G	6405	7536	234	212	40'9"	71
1830G	7488	8809	273	247	45'9"	81



# Seed & Feed Bins

## SEED BINS

MODEL	BUSHEL	CUBIC FIT	IMPERIAL TONS	METRIC TONNES	BIN HEIGHT	MIN AUGER REQ.
<b>14' Diameter 35 Degree Roof 45 Degree Hopper</b>						
1405S	1171	1380	44	38	19'4"	36"
1410S	1826	2149	67	60	24'4"	46"
1415S	2841	2918	90	82	29'4"	46"
1420S	3135	3688	114	104	34'4"	56"
1425S	3789	4458	138	126	39'4"	71"
1430S	4443	5228	162	148	44'4"	81"
<b>16' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1605S	1556	1830	57	52	19'10"	36"
1610S	2410	2835	88	80	24'10"	46"
1615S	3264	3840	119	108	29'10"	51"
1620S	4119	4845	150	136	34'10"	61"
1625S	4973	5851	181	165	39'10"	71"
1630S	5828	6856	213	193	44'10"	81"
<b>18' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1805S	2080	2447	75	70	21'5"	41"
1810S	3161	3719	115	105	26'5"	46"
1815S	4242	4991	155	140	31'5"	51"
1820S	5324	6263	194	176	36'5"	61"
1825S	6405	7536	234	212	41'5"	71"
1830S	7488	8809	273	247	46'5"	81"

## FEED BINS

MODEL	BUSHEL	CUBIC FIT	IMPERIAL TONS	METRIC TONNES	BIN HEIGHT	NO. OF LEGS
<b>7' Diameter 35 Degree Roof 55 Degree Hopper</b>						
705	255	300	6	5.4	14'3"	4
710	419	492	9.9	8.9	19'3"	4
<b>8' Diameter 35 Degree Roof 55 Degree Hopper</b>						
805	335	442	6.9	8.1	14'6"	4
810	547	644	12.9	11.7	19'6"	4
815	759	895	22.9	16.2	24'6"	4
<b>9' Diameter 35 Degree Roof 55 Degree Hopper</b>						
905	441	520	10.5	9.4	15'6"	6
910	712	838	16.8	15.2	20'6"	6
915	712	838	16.8	15.2	20'6"	6
<b>10' Diameter 35 Degree Roof 55 Degree Hopper</b>						
1005	569	671	13.5	12.2	16'8"	6
1010	903	1063	21.3	19.3	21'8"	6
1015	1237	1455	29.1	26.4	26'8"	6
<b>12' Diameter 35 Degree Roof 45 Degree Hopper</b>						
1205	806	949	29	27	17'	6
1210	1287	1514	47	43	22'	6
1215	1768	2080	64	58	27'	6



**OUR SEED BINS FEATURE A 36" DISCHARGE CLEARANCE**



**OUR FEED BINS FEATURE A 30" DISCHARGE CLEARANCE & INTERIOR EPOXY**



## DRY & LIQUID FERTILIZER BINS

### DRY FERTILIZER BINS

MODEL	BUSHEL	CUBIC FIT	IMPERIAL TONS	METRIC TONNES	BIN HEIGHT	MIN AUGER REQ.
<b>14' Diameter 35 Degree Roof 45 Degree Hopper</b>						
1405F	1171	1380	44	38	18'8"	36
1410F	1826	2149	67	60	23'8"	46
1415F	2841	2918	90	82	28'8"	46
1420F	3135	3688	114	104	33'8"	56
1425F	3789	4458	138	126	38'8"	71
1430F	4443	5228	1162	148	43'8"	81
<b>16' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1605F	1556	1830	57	52	19'2"	36
1610F	2410	2835	88	80	24'2"	46
1615F	3264	3840	119	108	29'2"	51
1620F	4119	4845	150	136	34'2"	61
1625F	4973	5851	181	165	39'2"	71
1630F	5828	6856	213	193	44'2"	81
<b>18' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1805F	2080	2447	75	70	20'9"	41
1810F	3161	3719	115	105	25'9"	46
1815F	4242	4991	155	140	30'9"	51
1820F	5324	6263	194	176	35'9"	61
1825F	6405	7536	234	212	40'9"	71
1830F	7488	8809	273	247	45'9"	81

\*All fertilizer bins come standard with stainless steel slide gate.

### LIQUID FERTILIZER BINS

MODEL	CUBIC FT.	US GALLONS	IMPERIAL GALLONS	IMPERIAL TONNES	METRIC TONNES	BIN HEIGHT
<b>16' Diameter 35 Degree Roof 40 Degree Hopper</b>						
1615L	4840	28832	24000	144	130	28'11"
1620L	4845	36378	30284	181	165	33'11"
1625L	5851	43894	36551	218	200	38'11"
1630L	6856	51415	42812	255	235	43'11"





## BENEFITS



**ENGINEERED TO STAND THE TEST OF TIME**

**SS**

**MANUFACTURED WITH CORROSION RESISTANT 304L STAINLESS STEEL**  
(316 option available)



**HOLLOW STEEL STRUCTURE TUBING**



**NO REPAIR OR MAINTENANCE DOWNTIME**



**NO ON-SITE PAINT OR EPOXY TOUCH-UPS**



**STAINLESS STEEL TANKS**  
Are designed for long term storage in any conditions



**CERTIFIED & AUDITED**  
By the Canadian Welding Bureau



**SECURE STORAGE**  
Protects the environment

## ACCESSORIES



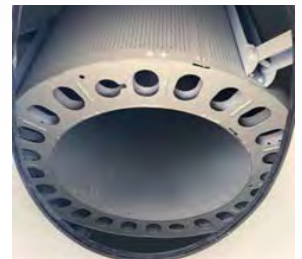
Adjustable Rack & Pinion Slide Gate Assembly. Available in Stainless Steel



Ladder Cage



Manway - Hopper



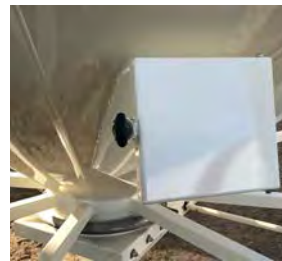
Rocket Air



Horizontal Removable Tube Air



LevAlert



Pokehole



Roof Manhole



Skid Base



View Glass



Bean Ladder



Fan Mount Bracket

## STAINLESS STEEL TANKS

### FEATURES

- Butt welded joints
- Stainless steel slide gates, ladders, roof line, crank
- Reinforced stainless steel manways
- Standard 4" PVC suction couplers (at 90 degree angle)
- 3" PVC fill coupler (45 degree angle)

**DESIGNED TO OUTLAST ANYTHING ELSE ON THE MARKET.**



# STAINLESS STEEL TANK SPECIFICATIONS

## CHEMICAL TANKS

DIAMETER

SIDEWALL

	6'	7'	8'	9'	10'	11'	12'
4	822	1210	1593	2028	2705	3316	3998
5	1094	1498	1969	2504	3091	4027	4844
8	1728	2361	3097	3931	4853	6158	7380
9	1940	2649	3473	4407	5440	6869	8226
10	2151	2937	3848	4882	6027	7597	9072
12	2574	3512	4600	5834	7202	9001	10763
13	2785	3800	4976	6309	7789	9711	11608
14	2997	4088	5352	6785	8376	10422	12454
15	3208	4375	5728	7261	8964	11132	13300
16	3420	4663	6103	7736	9551	11843	14145
17	3631	4951	6479	8212	10138	12553	14991
18	3842	5239	6855	8687	10725	13264	15836
19	4054	5526	7231	9163	11312	13974	16682
20	4265	5814	7607	9639	11900	14685	17528
21			7982	10114	12487	15395	18373
22			8358	10590	13074	16106	19219
23			8734	11066	13661	16816	19219
24			9110	11541	14249	17527	20910
25			9486	12017	14836	18238	21756
26					15423	18948	22601
27					16010	19659	23447
28					12597	20369	24292
29					17185	21080	25138
30					17772	21790	25984

\*Volume measured in US gallons

## LIQUID TANKS

MODEL	IMPERIAL GALLONS	METRIC TONNES	LITRES	US GALLONS
1415	15,000	90	68,190	17,945
1230	21,460	125	97,557	25,650
1620	25,800	151	117,287	30,865
1625	32,100	187	145,927	38,400
1340	33,400	193	151,836	39,950
1630	38,400	223	174,556	45,900
1635	44,700	259	203,206	53,475
1640	50,900	295	231,391	60,875
1835	56,600	329	257,303	67,975
1840	64,500	370	293,217	77,100
1855	88,200	513	400,957	105,500

## HOPPER BOTTOM BINS

MODEL	BUSHEL	IMPERIAL TONS	METRIC TONNES	BIN HEIGHT	MIN AUGER REQ.
1215	1800	64	60	292	53
1415	2465	90	82	292	53
1420	3130	114	104	342	60
1425	3790	138	126	392	67
1615	3285	120	109	292	54
1620	4135	151	137	342	60
1625	5000	182	166	392	67
1630	5850	213	194	442	74





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