

**COMMERCIAL GRAIN  
MANAGEMENT SYSTEMS**

# **Alminco Grain Cooling Storage System**



**NEW  
ROOF DESIGN  
Standard Peak DESIGN  
Capacities of up to 25,000  
lb. (11,340 Kg.)!**



**Almin Enterprise Co., Ltd.  
Alminco Agro Development Corp.**

**W**e are committed to engineering long lasting relationships.

We do this by listening to our customers and promptly responding with the type of products and service they want. With its easy installation and superior strength, our commercial grain management systems are an excellent example of how we put the needs of our customers first.



### **New Fully Galvanized Roof Design For increased Peak Load Capacities!**

With its 30° degree pitch, our new roof comes standard with peak load capacities of up to 25,000 Lbs. (11, 340 Kg.) In addition, all roof panels are of high quality galvanized steel and feature a 2.5" (6.35cm) interlocking "J" rib design for outstanding strength and reduced assembly time. The unique roof system requires minimal fasteners, which reduces the likelihood of water leaks.



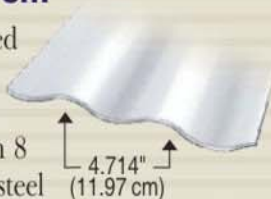
# Alminco Offer Unparalleled Strength and Durability

## Unparalleled Strength and Durability

Alminco offers a 42.4"(1.077m) sidewall height which requires significantly fewer rings, seams and connection stiffeners than competing bins with a 33"(.838m) sidewall. When combined with our exclusive "W" stiffener, Alminco bins offer unsurpassed strength while reducing costly assembly time and increasing your grain storage capacity.

## Rugged Corrugated Steel Sidewall System

Alminco corrugated steel sidewalls are created from high quality 20 through 8 gauge galvanized steel with a tensile strength up to 65 ksi (448 mpa). Sidewall sheets are laminated together to provide greater strength on larger bins.



The 4.714" (11.97 cm) peak-to-peak corrugation of our sidewalls is 3/4" (1.905 cm) wider than that of our closest competitor, thus reducing the chance for material to collect on the sidewall.

## Standard G115 Galvanize Offers Superior Corrosion Resistance

G115 (350g/m<sup>2</sup>) galvanize coating is used on all roof panels, sidewall sheets, and stiffeners. This provides over 25% more protection than the G90 (275 g/m<sup>2</sup>) industry standard, ensuring greater corrosion resistance and a longer life.

In addition, Alminco also uses a superior JS 500 coating on all hardware. Zinc-coated 1/2" (1.27 cm) and 7/16" (1.11 cm) grade 8 bolts with serrated flange nuts are also used to provide maximum strength.

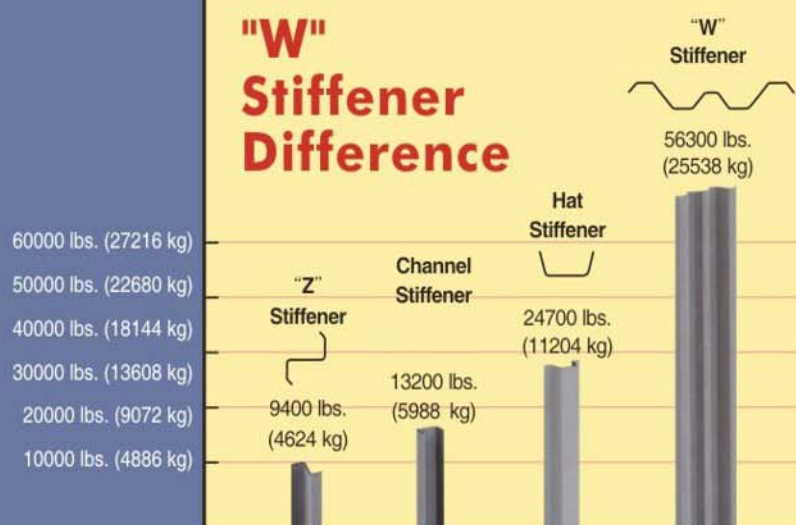
## The "W" Stiffeners - Leading the Competition!

The exclusive Alminco exterior "W" stiffener is almost twice as strong as the closest competing stiffener. Designed to support the vertical load, the "W" stiffener system provides supplemental strength that allows bins to reach sidewall heights exceeding 100 feet (30.48m)! It is also fully capable of supporting overhead cat walks and conveyors.

To eliminate the complex shear load splice connection, a plate-to-plate connecting system fuses the stiffener lengths and positively transfers the weight-bearing load down the stiffener column. And because the unique "W" staggered stiffeners are located on the exterior of the bin, no grain accumulates on insidewalls as with interior stiffeners.



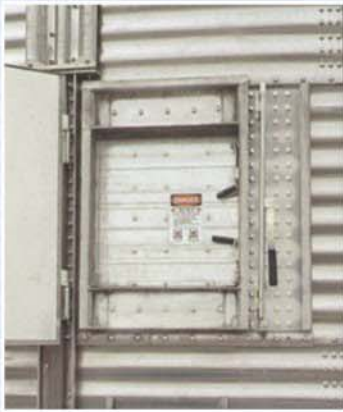
## "W" Stiffener Difference



# World-Class Design

## Easy Access Doors

Alminco bins have a two-piece portal frame door with an easy latch system to provide unobstructed entry without requiring the removal of cross ties, tie rods or tie bars. The door frames are hot-dip galvanized for superior corrosion resistance.



## Anchor System Provides Solid Base

Alminco positive anchor design ties the sidewall solidly to the foundation, allowing for single-pass sweeps.



## Side Draw System for Easier Load Out

With side draw system, load out stations can be set up for truck, rail or any other load-out needs with capacities of up to 40,000 bushel/hour (1200 MT/h)



## Safety cage, platform and ladder system meets OSHA standards



## Wind Load Rings Offer Added Strength

When needed to meet local conditions and design criteria, wind load rings are used to help bins withstand damaging winds up to 150 mph (241.4 k/h).

## bin have a new 30° roof designed with a standard peak load capacity of up to 25,000 Lbs.(11,340kg.).

This new feature, combined with our superior strength stiffeners and Titan bin design, ensures long-lasting value for our customers.

Offers a wide selection of bins in diameters of 37'1"(11.30m) to 105'2"(32.05m) and sidewall heights up to 102'7"(31.27m). Shown are our most popular sizes. For a complete list, please contact your.

## Alminco Grain Handling System

Alminco grain handling equipment is designed in heavy duty and commercial standard, capable to use several times in a year. Alminco designs the equipment for outdoor use, which is completely water proof. The equipment is made of hot dipped galvanized and galvanized steel to ensure longer life time quality. Please contact Alminco for grain handling equipment brochures and more information.

|                               | Model Number | Height     |          |               |             | Estimated Storage Capacity |                                |                  |                                |                              |                               |
|-------------------------------|--------------|------------|----------|---------------|-------------|----------------------------|--------------------------------|------------------|--------------------------------|------------------------------|-------------------------------|
|                               |              | Eave (Fl.) | Eave (M) | Overall (Fl.) | Overall (M) | To Eave (Bushels)          | To Eave w / 13" Floor (Bushes) | To Peak (Bushes) | To Eave w / 13" Floor (Bushes) | Filled To Peak* (Metric TOM) | Filled To Peak (Cubic Meters) |
| All Diameters 15' 6" (4.71M)  | CB5-4        | 14' 2"     | 4.31     | 19' 2"        | 5.84        | 2251                       | 2074                           | 2470             | 2294                           | 63                           | 83                            |
|                               | CB5-5        | 17' 8"     | 5.39     | 22' 8"        | 6.91        | 2817                       | 2640                           | 3036             | 2860                           | 78                           | 101                           |
|                               | CB5-6        | 21' 3"     | 6.47     | 26' 3"        | 7.99        | 3383                       | 3206                           | 3602             | 3426                           | 92                           | 120                           |
|                               | CB5-7        | 24' 9"     | 7.54     | 29' 9"        | 9.07        | 3949                       | 3772                           | 4168             | 3992                           | 106                          | 139                           |
|                               | CB5-8        | 28' 3"     | 8.62     | 33' 3"        | 10.15       | 4515                       | 4338                           | 4734             | 4558                           | 121                          | 158                           |
| All Diameters 18' 7" (5.66M)  | CB6-4        | 14' 2"     | 4.31     | 20' 3"        | 6.17        | 3241                       | 2987                           | 3620             | 3366                           | 92                           | 121                           |
|                               | CB6-5        | 17' 8"     | 5.39     | 23' 9"        | 7.25        | 4056                       | 3802                           | 4435             | 4181                           | 113                          | 148                           |
|                               | CB6-6        | 21' 3"     | 6.47     | 27' 4"        | 8.33        | 4871                       | 4617                           | 5250             | 4996                           | 134                          | 175                           |
|                               | CB6-7        | 24' 9"     | 7.54     | 30' 10"       | 9.41        | 5686                       | 5432                           | 6065             | 5811                           | 155                          | 202                           |
|                               | CB6-8        | 28' 3"     | 8.62     | 34' 5"        | 10.48       | 6501                       | 6247                           | 6880             | 6626                           | 175                          | 229                           |
| All Diameters 21' 8" (6.60M)  | CB7-4        | 14' 2"     | 4.31     | 21' 4"        | 6.50        | 4411                       | 4065                           | 5013             | 4667                           | 128                          | 167                           |
|                               | CB7-5        | 17' 8"     | 5.39     | 24' 10"       | 7.58        | 5521                       | 5175                           | 6123             | 5777                           | 156                          | 204                           |
|                               | CB7-6        | 21' 3"     | 6.47     | 28' 5"        | 8.66        | 6630                       | 6284                           | 7232             | 6886                           | 184                          | 241                           |
|                               | CB7-7        | 24' 9"     | 7.54     | 31' 11"       | 9.74        | 7739                       | 7393                           | 8341             | 7995                           | 212                          | 277                           |
|                               | CB7-8        | 28' 3"     | 8.62     | 35' 6"        | 10.81       | 8848                       | 8502                           | 9450             | 9104                           | 241                          | 314                           |
| All Diameters 24' 9" (7.54M)  | CB8-4        | 14' 2"     | 4.31     | 22' 5"        | 6.83        | 5762                       | 5310                           | 6660             | 6208                           | 170                          | 222                           |
|                               | CB8-5        | 17' 8"     | 5.39     | 25' 11"       | 7.91        | 7210                       | 6759                           | 8109             | 7657                           | 206                          | 270                           |
|                               | CB8-6        | 21' 3"     | 6.47     | 29' 6"        | 8.99        | 8659                       | 8207                           | 9558             | 9106                           | 243                          | 318                           |
|                               | CB8-7        | 24' 9"     | 7.54     | 33' 0"        | 10.07       | 10108                      | 9656                           | 11007            | 10555                          | 280                          | 366                           |
|                               | CB8-8        | 28' 3"     | 8.62     | 36' 7"        | 11.14       | 11557                      | 11105                          | 12455            | 12003                          | 317                          | 414                           |
| All Diameters 27' 10" (8.49M) | CB9-4        | 14' 2"     | 4.31     | 23' 6"        | 7.16        | 7292                       | 6720                           | 8571             | 8000                           | 218                          | 285                           |
|                               | CB9-5        | 17' 8"     | 5.39     | 27' 0"        | 8.24        | 9125                       | 8554                           | 10405            | 9833                           | 265                          | 346                           |
|                               | CB9-6        | 21' 3"     | 6.47     | 30' 7"        | 9.32        | 10959                      | 10387                          | 12239            | 11667                          | 311                          | 407                           |
|                               | CB9-7        | 24' 9"     | 7.54     | 34' 1"        | 10.40       | 12793                      | 12221                          | 14072            | 13500                          | 358                          | 468                           |
|                               | CB9-8        | 28' 3"     | 8.62     | 37' 8"        | 11.47       | 14626                      | 14054                          | 15906            | 15334                          | 404                          | 529                           |
|                               | CB9-9        | 31' 10"    | 9.70     | 41' 2"        | 12.55       | 16460                      | 15888                          | 17739            | 17168                          | 451                          | 590                           |
|                               | CB9-10       | 35' 4"     | 10.78    | 44' 9"        | 13.63       | 18293                      | 17722                          | 19573            | 19001                          | 498                          | 650                           |
|                               | CB9-11       | 38' 11"    | 11.85    | 48' 3"        | 14.71       | 20127                      | 19555                          | 21407            | 20835                          | 544                          | 711                           |
|                               | CB9-12       | 42' 5"     | 12.93    | 51' 9"        | 15.79       | 21961                      | 21389                          | 23240            | 22668                          | 591                          | 772                           |
|                               | CB9-13       | 46' 0"     | 14.01    | 55' 4"        | 16.86       | 23794                      | 23222                          | 25074            | 24502                          | 637                          | 833                           |
|                               | CB9-14       | 49' 6"     | 15.09    | 58' 10"       | 17.94       | 25628                      | 25056                          | 26907            | 26336                          | 684                          | 894                           |
| All Diameters 30' 11" (9.43M) | CB10-4       | 14' 2"     | 4.31     | 24' 7"        | 7.49        | 9002                       | 8296                           | 10757            | 10051                          | 274                          | 358                           |
|                               | CB10-5       | 17' 8"     | 5.39     | 28' 1"        | 8.57        | 11266                      | 10560                          | 13021            | 12315                          | 331                          | 433                           |
|                               | CB10-6       | 21' 3"     | 6.47     | 31' 8"        | 9.65        | 13530                      | 12824                          | 15285            | 14579                          | 389                          | 508                           |
|                               | CB10-7       | 24' 9"     | 7.54     | 35' 2"        | 10.73       | 15793                      | 15087                          | 17548            | 16843                          | 446                          | 583                           |
|                               | CB10-8       | 28' 3"     | 8.62     | 38' 9"        | 11.80       | 18057                      | 17351                          | 19812            | 19106                          | 504                          | 658                           |
|                               | CB10-9       | 31' 10"    | 9.70     | 42' 3"        | 12.88       | 20321                      | 19615                          | 22076            | 21370                          | 561                          | 734                           |
|                               | CB10-10      | 35' 4"     | 10.78    | 45' 10"       | 13.96       | 22584                      | 21878                          | 24340            | 23634                          | 619                          | 809                           |
|                               | CB10-11      | 38' 11"    | 11.85    | 49' 4"        | 15.04       | 24848                      | 24142                          | 26603            | 25897                          | 676                          | 884                           |
|                               | CB10-12      | 42' 5"     | 12.93    | 52' 10"       | 16.12       | 27112                      | 26406                          | 28867            | 28161                          | 734                          | 959                           |
|                               | CB10-13      | 46' 0"     | 14.01    | 56' 5"        | 17.19       | 29375                      | 28670                          | 31131            | 30425                          | 791                          | 1034                          |
|                               | CB10-14      | 49' 6"     | 15.09    | 59' 11"       | 18.27       | 31639                      | 30933                          | 33394            | 32688                          | 849                          | 1109                          |
| All Diameters 34' 0" (10.37M) | CB11-4       | 14' 2"     | 4.31     | 25' 8"        | 7.82        | 10893                      | 10038                          | 13229            | 12374                          | 336                          | 440                           |
|                               | CB11-5       | 17' 8"     | 5.39     | 29' 2"        | 8.90        | 13632                      | 12777                          | 15968            | 15114                          | 406                          | 531                           |
|                               | CB11-6       | 21' 3"     | 6.47     | 32' 9"        | 9.98        | 16371                      | 15516                          | 18707            | 17853                          | 476                          | 622                           |
|                               | CB11-7       | 24' 9"     | 7.54     | 36' 3"        | 11.06       | 19110                      | 18256                          | 21446            | 20592                          | 545                          | 713                           |
|                               | CB11-8       | 28' 3"     | 8.62     | 39' 10"       | 12.13       | 21849                      | 20995                          | 24185            | 23331                          | 615                          | 804                           |
|                               | CB11-9       | 31' 10"    | 9.70     | 43' 4"        | 13.21       | 24588                      | 23734                          | 26924            | 26070                          | 684                          | 895                           |
|                               | CB11-10      | 35' 4"     | 10.78    | 46' 11"       | 14.29       | 27327                      | 26473                          | 29663            | 28809                          | 754                          | 986                           |
|                               | CB11-11      | 38' 11"    | 11.85    | 50' 5"        | 15.37       | 30066                      | 29212                          | 32402            | 31548                          | 824                          | 1076                          |
|                               | CB11-12      | 42' 5"     | 12.93    | 53' 11"       | 16.45       | 32805                      | 31951                          | 35141            | 34287                          | 893                          | 1167                          |
|                               | CB11-13      | 46' 0"     | 14.01    | 57' 6"        | 17.52       | 35544                      | 34690                          | 37880            | 37026                          | 963                          | 1258                          |
|                               | CB11-14      | 49' 6"     | 15.09    | 61' 0"        | 18.60       | 38283                      | 37429                          | 40619            | 39765                          | 1032                         | 1349                          |
|                               | CB11-15      | 53' 0"     | 16.17    | 64' 7"        | 19.68       | 41002                      | 40168                          | 43358            | 42504                          | 1102                         | 1440                          |
|                               | CB11-16      | 56' 7"     | 17.24    | 68' 1"        | 20.76       | 43761                      | 42907                          | 46098            | 45243                          | 1171                         | 1531                          |
|                               | CB11-17      | 60' 1"     | 18.32    | 71' 8"        | 21.83       | 46501                      | 45646                          | 48837            | 47982                          | 1241                         | 1622                          |
|                               | CB11-18      | 63' 8"     | 19.40    | 75' 2"        | 22.91       | 49240                      | 48385                          | 51576            | 50722                          | 1311                         | 1713                          |
|                               | CB11-19      | 67' 2"     | 20.48    | 78' 8"        | 23.99       | 51979                      | 51124                          | 54315            | 53461                          | 1380                         | 1804                          |
|                               | CB11-20      | 70' 9"     | 21.55    | 82' 3"        | 25.07       | 54718                      | 53864                          | 57054            | 56200                          | 1450                         | 1895                          |

**NOTE:** Metric ton capacity is based on a bulk density of 56 lbs/bushel (721 kg/m³). All capacities are based on a 6% compaction factor.

## Silo Insulation

Alminco has developed insulation system that keeps low temperature inside the silo. With insulation, the silo can minimize the effect from sunlight or outside heat sources. In long term use, the insulation can save a lot of cost on cooling energy consumption. The insulation sheet is provided with different colors to match your milling buildings. You can also put the logos and names on the insulation sidewall to use as a commercial advertisement.



|                         | Bin Model# | Height     |          |               |             | Estimated Storage Capacity |                         |                        |                        |
|-------------------------|------------|------------|----------|---------------|-------------|----------------------------|-------------------------|------------------------|------------------------|
|                         |            | Eave (Ft.) | Eave (M) | Overall (Ft.) | Overall (M) | Level To Eave (Bushels)    | Filled To Peak (Bushes) | Filled To Peak (M Ton) | Filled To Peak (Cub.M) |
| All Dia. 37' 1" (11.3M) | CB12-10    | 35' 5"     | 10.78    | 45' 9"        | 13.93       | 32521                      | 35554                   | 903                    | 1182                   |
|                         | CB12-11    | 38'11"     | 11.85    | 49' 3"        | 15.01       | 35780                      | 38813                   | 986                    | 1290                   |
|                         | CB12-12    | 42' 6"     | 12.93    | 52' 9"        | 16.09       | 39040                      | 42073                   | 1069                   | 1399                   |
|                         | CB12-13    | 45'11"     | 14.01    | 56' 4"        | 17.17       | 42300                      | 45333                   | 1151                   | 1507                   |
|                         | CB12-14    | 49' 7"     | 15.09    | 59'10"        | 18.24       | 45560                      | 48593                   | 1234                   | 1616                   |
|                         | CB12-15    | 53' 1"     | 16.17    | 63' 5"        | 19.32       | 48819                      | 51852                   | 1317                   | 1724                   |
|                         | CB12-16    | 56' 7"     | 17.24    | 66' 11"       | 20.40       | 52079                      | 55112                   | 1400                   | 1832                   |
|                         | CB12-17    | 60' 2"     | 18.32    | 70' 6"        | 21.48       | 55339                      | 58372                   | 1483                   | 1941                   |
|                         | CB12-18    | 63' 8"     | 19.40    | 74' 0"        | 22.56       | 58599                      | 61632                   | 1565                   | 2049                   |
|                         | CB12-19    | 67' 3"     | 20.48    | 77' 6"        | 23.63       | 61858                      | 64891                   | 1648                   | 2185                   |
|                         | CB12-20    | 70' 9"     | 21.55    | 81' 1"        | 24.71       | 65118                      | 68151                   | 1731                   | 2266                   |
|                         | CB12-21    | 74' 4"     | 22.63    | 84' 7"        | 25.79       | 68378                      | 71411                   | 1814                   | 2374                   |
|                         | CB12-12    | 77'10"     | 23.71    | 88' 2"        | 26.87       | 71637                      | 74670                   | 1897                   | 2483                   |
| All Dia. 40' 3" (12.3M) | CB13-10    | 35' 5"     | 10.78    | 46' 7"        | 14.21       | 38167                      | 42023                   | 1067                   | 1397                   |
|                         | CB13-11    | 38'11"     | 11.85    | 50' 2"        | 15.28       | 41992                      | 45848                   | 1165                   | 1524                   |
|                         | CB13-12    | 42' 6"     | 12.93    | 53' 8"        | 16.36       | 45818                      | 49674                   | 1262                   | 1652                   |
|                         | CB13-13    | 45'11"     | 14.01    | 57' 3"        | 17.44       | 49644                      | 53500                   | 1359                   | 1779                   |
|                         | CB13-14    | 49' 7"     | 15.09    | 60' 9"        | 18.52       | 53469                      | 57325                   | 1456                   | 1906                   |
|                         | CB13-15    | 53' 1"     | 16.17    | 64' 3"        | 19.59       | 57295                      | 61151                   | 1553                   | 2033                   |
|                         | CB13-16    | 56' 7"     | 17.24    | 67'10"        | 20.67       | 61121                      | 64977                   | 1650                   | 2160                   |
|                         | CB13-17    | 60' 2"     | 18.32    | 71' 4"        | 21.75       | 64946                      | 68802                   | 1748                   | 2288                   |
|                         | CB13-18    | 63' 8"     | 19.40    | 74' 11"       | 22.83       | 68772                      | 72628                   | 1845                   | 2415                   |
|                         | CB13-19    | 67' 3"     | 20.48    | 78' 5"        | 23.91       | 72598                      | 76454                   | 1942                   | 2542                   |
|                         | CB13-20    | 70' 9"     | 21.55    | 82' 0"        | 24.98       | 76423                      | 80279                   | 2039                   | 2669                   |
|                         | CB13-21    | 74' 4"     | 22.63    | 85' 6"        | 26.06       | 80249                      | 84105                   | 2136                   | 2796                   |
|                         | CB13-22    | 77'10"     | 23.71    | 89' 0"        | 27.14       | 84075                      | 87931                   | 2233                   | 2924                   |
| All Dia. 43' 4" (13.2M) | CB14-10    | 35' 5"     | 10.78    | 47' 6"        | 14.48       | 44264                      | 49081                   | 1247                   | 1632                   |
|                         | CB14-11    | 38'11"     | 11.85    | 51' 0"        | 15.56       | 48701                      | 53517                   | 1359                   | 1779                   |
|                         | CB14-12    | 42' 6"     | 12.93    | 54' 7"        | 16.63       | 53138                      | 57954                   | 1472                   | 1927                   |
|                         | CB14-13    | 46' 6"     | 14.01    | 58' 1"        | 17.71       | 57575                      | 62391                   | 1585                   | 2074                   |
|                         | CB14-14    | 49' 7"     | 15.09    | 61' 8"        | 18.79       | 62012                      | 66828                   | 1697                   | 2222                   |
|                         | CB14-15    | 53' 1"     | 16.17    | 65' 2"        | 19.87       | 66449                      | 71265                   | 1810                   | 2369                   |
|                         | CB14-16    | 56' 7"     | 17.24    | 68' 9"        | 20.94       | 70885                      | 75702                   | 1923                   | 2517                   |
|                         | CB14-17    | 60' 2"     | 18.32    | 72' 3"        | 22.02       | 75322                      | 80139                   | 2036                   | 2664                   |
|                         | CB14-18    | 63' 8"     | 19.40    | 75' 9"        | 23.10       | 79759                      | 84575                   | 2148                   | 2812                   |
|                         | CB14-19    | 67' 3"     | 20.48    | 79' 4"        | 24.18       | 84196                      | 89012                   | 2261                   | 2959                   |
|                         | CB14-20    | 70' 9"     | 21.55    | 82'10"        | 25.26       | 88633                      | 93449                   | 2374                   | 3107                   |
|                         | CB14-21    | 74' 4"     | 22.63    | 86' 5"        | 26.33       | 93070                      | 97886                   | 2486                   | 3255                   |
| All Dia. 49' 6" (15.1M) | CB16-10    | 35' 5"     | 10.78    | 49' 3"        | 15.02       | 57815                      | 65004                   | 1651                   | 2116                   |
|                         | CB16-11    | 38'11"     | 11.85    | 52'10"        | 16.10       | 63610                      | 70799                   | 1798                   | 2354                   |
|                         | CB16-12    | 42' 6"     | 12.93    | 56' 4"        | 17.18       | 69405                      | 76594                   | 1945                   | 2547                   |
|                         | CB16-13    | 46' 0"     | 14.01    | 59'11"        | 18.26       | 75200                      | 82389                   | 2093                   | 2739                   |
|                         | CB16-14    | 49' 7"     | 15.09    | 63' 5"        | 19.33       | 80995                      | 88184                   | 2240                   | 2932                   |
|                         | CB16-15    | 53' 1"     | 16.17    | 67' 0"        | 20.41       | 86790                      | 93979                   | 2387                   | 3125                   |
|                         | CB16-16    | 56' 7"     | 17.24    | 70' 6"        | 21.49       | 92585                      | 99774                   | 2534                   | 3317                   |
|                         | CB16-17    | 60' 2"     | 18.32    | 74' 0"        | 22.57       | 98380                      | 105569                  | 2681                   | 3510                   |
|                         | CB16-18    | 63' 8"     | 19.40    | 77' 7"        | 23.64       | 104175                     | 111364                  | 2829                   | 3703                   |
|                         | CB16-19    | 67' 3"     | 20.48    | 81' 1"        | 24.72       | 109970                     | 117160                  | 2976                   | 3895                   |
|                         | CB16-20    | 70' 9"     | 21.55    | 84' 8"        | 25.80       | 115765                     | 122955                  | 3123                   | 4088                   |
|                         | CB16-21    | 74' 4"     | 22.63    | 88' 2"        | 26.88       | 121560                     | 128750                  | 3270                   | 4281                   |
| All Dia. 49' 6" (15.1M) | CB14-22    | 77'10"     | 23.71    | 91' 9"        | 27.96       | 127356                     | 134545                  | 3417                   | 4473                   |
|                         | CB16-23    | 81' 4"     | 24.79    | 95' 3"        | 29.03       | 133151                     | 140340                  | 3565                   | 4666                   |
|                         | CB16-24    | 84'11"     | 25.86    | 98' 9"        | 30.11       | 138946                     | 146135                  | 3712                   | 4859                   |
|                         | CB16-25    | 88' 5"     | 26.94    | 102' 4"       | 31.19       | 144741                     | 151930                  | 3859                   | 5051                   |
|                         | CB16-26    | 92' 0"     | 28.02    | 105'10"       | 32.27       | 150536                     | 157725                  | 4006                   | 5244                   |

**NOTE:** Metric ton capacity is based on a bulk density of 56 lbs/bushel (721 kg/m³). All capacities are based on a 6% compaction factor.

**NOTE:** The CB12-CB34 series bins comes standard with a 30° roof slope as listed. CB12-CB16 bins have a peak load capacity up to 16,000 lbs(7,258kg).

|                           | Bin Model# | Height     |          | Estimated Storage Capacity |             |                         |                        |
|---------------------------|------------|------------|----------|----------------------------|-------------|-------------------------|------------------------|
|                           |            | Eave (Ft.) | Eave (M) | Overall (Ft.)              | Overall (M) | Level To Eave (Bushels) | Filled To Peak (M Ton) |
| All Dia. 55" 8" (17 M)    | CB18-10    | 35' 5"     | 10.78    | 50' 4"                     | 45.33       | 73172                   | 83408                  |
|                           | CB18-11    | 38' 11"    | 11.85    | 53' 10"                    | 16.41       | 80506                   | 90742                  |
|                           | CB18-12    | 42' 6"     | 12.93    | 57' 5"                     | 17.49       | 87840                   | 98077                  |
|                           | CB18-13    | 46' 0"     | 14.01    | 60' 11"                    | 18.57       | 95175                   | 105411                 |
|                           | CB18-14    | 49' 7"     | 15.09    | 64' 5"                     | 19.64       | 102509                  | 112745                 |
|                           | CB18-15    | 53' 1"     | 16.17    | 68' 0"                     | 20.72       | 109844                  | 120080                 |
|                           | CB18-16    | 56' 7"     | 17.24    | 71' 6"                     | 21.80       | 117178                  | 127414                 |
|                           | CB18-17    | 60' 2"     | 18.32    | 75' 1"                     | 22.88       | 124512                  | 134749                 |
|                           | CB18-18    | 63' 8"     | 19.40    | 78' 7"                     | 23.95       | 131847                  | 142083                 |
|                           | CB18-19    | 67' 3"     | 20.48    | 82' 2"                     | 25.03       | 139181                  | 149417                 |
|                           | CB18-20    | 70' 9"     | 21.55    | 85' 8"                     | 26.11       | 146516                  | 156752                 |
|                           | CB18-21    | 74' 4"     | 22.63    | 89' 2"                     | 27.19       | 153850                  | 164086                 |
|                           | CB18-22    | 77' 10"    | 23.71    | 92' 9"                     | 28.27       | 161184                  | 171421                 |
|                           | CB18-23    | 81' 4"     | 24.79    | 96' 3"                     | 29.34       | 168519                  | 178755                 |
|                           | CB18-24    | 84' 11"    | 25.86    | 99' 10"                    | 30.42       | 175853                  | 186089                 |
|                           | CB18-25    | 88' 5"     | 26.94    | 103' 4"                    | 31.50       | 183188                  | 193424                 |
| All Dia. 61" 10" (18.9 M) | CB20-10    | 35' 5"     | 10.78    | 52' 1"                     | 15.88       | 90335                   | 104377                 |
|                           | CB20-11    | 38' 11"    | 11.85    | 55' 8"                     | 16.95       | 99390                   | 113432                 |
|                           | CB20-12    | 42' 6"     | 12.93    | 59' 2"                     | 18.03       | 108445                  | 122486                 |
|                           | CB20-13    | 46' 0"     | 14.01    | 62' 8"                     | 19.11       | 117500                  | 131541                 |
|                           | CB20-14    | 49' 7"     | 15.09    | 66' 3"                     | 20.19       | 126555                  | 140596                 |
|                           | CB20-15    | 53' 1"     | 16.17    | 69' 9"                     | 21.27       | 135609                  | 149651                 |
|                           | CB20-16    | 56' 7"     | 17.24    | 73' 4"                     | 22.34       | 144664                  | 158706                 |
|                           | CB20-17    | 60' 2"     | 18.32    | 76' 10"                    | 23.42       | 153719                  | 167760                 |
|                           | CB20-18    | 63' 8"     | 19.40    | 80' 5"                     | 24.50       | 162774                  | 176815                 |
|                           | CB20-19    | 67' 3"     | 20.48    | 83' 11"                    | 25.58       | 171829                  | 185870                 |
|                           | CB20-20    | 70' 9"     | 21.55    | 87' 5"                     | 26.65       | 180883                  | 194925                 |
|                           | CB20-21    | 74' 4"     | 22.63    | 91' 0"                     | 27.73       | 189938                  | 203980                 |
|                           | CB20-22    | 77' 10"    | 23.71    | 94' 6"                     | 28.81       | 198993                  | 213034                 |
|                           | CB20-23    | 81' 4"     | 24.79    | 98' 1"                     | 29.89       | 208048                  | 222089                 |
|                           | CB20-24    | 84' 11"    | 25.86    | 101' 7"                    | 30.96       | 217103                  | 231144                 |
|                           | CB20-25    | 88' 5"     | 26.94    | 105' 2"                    | 32.04       | 226157                  | 240199                 |
| All Dia. 68" 1" (20.7 M)  | CB22-10    | 35' 5"     | 10.78    | 53' 11"                    | 16.42       | 109306                  | 127995                 |
|                           | CB22-11    | 38' 11"    | 11.85    | 57' 5"                     | 17.50       | 120262                  | 138951                 |
|                           | CB22-12    | 42' 6"     | 12.93    | 60' 11"                    | 18.58       | 131218                  | 149908                 |
|                           | CB22-13    | 46' 0"     | 14.01    | 64' 6"                     | 19.65       | 142175                  | 160864                 |
|                           | CB22-14    | 49' 0"     | 15.09    | 68' 0"                     | 20.73       | 153131                  | 171820                 |
|                           | CB22-15    | 53' 1"     | 16.17    | 71' 7"                     | 21.81       | 164087                  | 182777                 |
|                           | CB22-16    | 56' 7"     | 17.24    | 75' 1"                     | 22.89       | 175044                  | 193733                 |
|                           | CB22-17    | 60' 2"     | 18.32    | 78' 8"                     | 23.97       | 186000                  | 204689                 |
|                           | CB22-18    | 63' 8"     | 19.40    | 82' 2"                     | 25.04       | 196956                  | 215645                 |
|                           | CB22-19    | 67' 3"     | 20.48    | 85' 8"                     | 26.12       | 207913                  | 226602                 |
|                           | CB22-20    | 70' 9"     | 21.55    | 89' 3"                     | 27.20       | 218869                  | 237558                 |
|                           | CB22-21    | 74' 4"     | 22.63    | 92' 9"                     | 28.28       | 229825                  | 248514                 |
|                           | CB22-22    | 77' 10"    | 23.71    | 96' 4"                     | 29.35       | 240782                  | 259471                 |
|                           | CB22-23    | 81' 4"     | 24.79    | 99' 10"                    | 30.43       | 251738                  | 270427                 |
|                           | CB22-24    | 84' 11"    | 25.86    | 103' 5"                    | 31.51       | 262694                  | 281383                 |
|                           | CB22-25    | 88' 5"     | 26.94    | 106' 11"                   | 32.59       | 273650                  | 292340                 |
| All Dia. 74" 3" (22.6 M)  | CB24-10    | 35' 5"     | 10.78    | 55' 8"                     | 16.97       | 130083                  | 154347                 |
|                           | CB24-11    | 38' 11"    | 11.85    | 59' 2"                     | 18.04       | 143122                  | 167386                 |
|                           | CB24-12    | 42' 6"     | 12.93    | 62' 9"                     | 19.12       | 156161                  | 180424                 |
|                           | CB24-13    | 46' 0"     | 14.01    | 66' 3"                     | 20.20       | 169200                  | 193463                 |
|                           | CB24-14    | 49' 7"     | 15.09    | 69' 10"                    | 21.28       | 182239                  | 206502                 |
|                           | CB24-15    | 53' 1"     | 16.17    | 73' 4"                     | 22.35       | 195278                  | 219541                 |
|                           | CB24-16    | 56' 7"     | 17.24    | 76' 11"                    | 23.43       | 208316                  | 232580                 |
|                           | CB24-17    | 60' 2"     | 18.32    | 80' 5"                     | 24.51       | 221355                  | 245619                 |
|                           | CB24-18    | 63' 8"     | 19.40    | 83' 11"                    | 25.59       | 234394                  | 258658                 |
|                           | CB24-19    | 67' 3"     | 20.48    | 87' 6"                     | 26.67       | 247433                  | 271697                 |

CB24 bins continued on top of next column

|                            | Bin Model# | Height     |          | Estimated Storage Capacity |             |                         |                        |
|----------------------------|------------|------------|----------|----------------------------|-------------|-------------------------|------------------------|
|                            |            | Eave (Ft.) | Eave (M) | Overall (Ft.)              | Overall (M) | Level To Eave (Bushels) | Filled To Peak (M Ton) |
| All Dia. 74" 3" (22.6 M)   | CB24-20    | 70' 9"     | 21.55    | 91' 0"                     | 27.74       | 260472                  | 284736                 |
|                            | CB24-21    | 74' 4"     | 22.63    | 94' 7"                     | 28.82       | 273511                  | 297775                 |
|                            | CB24-22    | 77' 10"    | 23.71    | 98' 1"                     | 29.90       | 286550                  | 310814                 |
|                            | CB24-23    | 81' 4"     | 24.79    | 101' 8"                    | 30.98       | 299589                  | 323852                 |
|                            | CB24-24    | 84' 11"    | 25.86    | 105' 2"                    | 32.05       | 312628                  | 336891                 |
|                            | CB24-25    | 88' 5"     | 26.94    | 108' 8"                    | 33.13       | 325667                  | 349930                 |
|                            | CB24-26    | 92' 0"     | 28.02    | 112' 3"                    | 34.21       | 338706                  | 362969                 |
|                            | CB24-27    | 95' 6"     | 29.10    | 115' 9"                    | 35.29       | 351745                  | 376008                 |
|                            | CB24-28    | 99' 1"     | 30.18    | 119' 4"                    | 36.36       | 364783                  | 389047                 |
| All Dia. 80" 5" (24.5 M)   | CB26-10    | 35' 5"     | 10.78    | 57' 5"                     | 17.51       | 152667                  | 183516                 |
|                            | CB26-11    | 38' 11"    | 11.85    | 61' 0"                     | 18.59       | 167970                  | 198818                 |
|                            | CB26-12    | 42' 6"     | 12.93    | 64' 6"                     | 19.67       | 183272                  | 214121                 |
|                            | CB26-13    | 46' 0"     | 14.01    | 68' 1"                     | 20.74       | 198575                  | 229424                 |
|                            | CB26-14    | 49' 7"     | 15.09    | 71' 7"                     | 21.82       | 213877                  | 244726                 |
|                            | CB26-15    | 53' 1"     | 16.17    | 75' 2"                     | 22.90       | 229180                  | 260029                 |
|                            | CB26-16    | 56' 7"     | 17.24    | 78' 8"                     | 23.98       | 244483                  | 275332                 |
|                            | CB26-17    | 60' 2"     | 18.32    | 82' 2"                     | 25.05       | 259785                  | 290634                 |
|                            | CB26-18    | 63' 8"     | 19.40    | 85' 9"                     | 26.13       | 275088                  | 305937                 |
|                            | CB26-19    | 67' 3"     | 20.48    | 89' 3"                     | 27.21       | 290390                  | 321239                 |
|                            | CB26-20    | 70' 9"     | 21.55    | 92' 10"                    | 28.29       | 305693                  | 336542                 |
|                            | CB26-21    | 74' 4"     | 22.63    | 96' 4"                     | 29.37       | 320996                  | 351845                 |
|                            | CB26-22    | 77' 10"    | 23.71    | 99' 11"                    | 30.44       | 336298                  | 367147                 |
|                            | CB26-23    | 81' 4"     | 24.79    | 103' 5"                    | 31.52       | 351601                  | 382450                 |
|                            | CB26-24    | 84' 11"    | 25.86    | 105' 11"                   | 32.60       | 366903                  | 397752                 |
|                            | CB26-25    | 88' 5"     | 26.94    | 110' 6"                    | 33.68       | 382206                  | 413055                 |
| All Dia. 92" 10" (28.3 M)  | CB30-10    | 35' 5"     | 10.78    | 61' 0"                     | 18.60       | 203255                  | 250645                 |
|                            | CB30-11    | 38' 11"    | 11.85    | 64' 7"                     | 19.68       | 223628                  | 271018                 |
|                            | CB30-12    | 42' 6"     | 12.93    | 68' 1"                     | 20.75       | 244001                  | 291391                 |
|                            | CB30-13    | 46' 0"     | 14.01    | 71' 8"                     | 21.83       | 264375                  | 311764                 |
|                            | CB30-14    | 49' 7"     | 15.09    | 75' 2"                     | 22.91       | 284748                  | 332138                 |
|                            | CB30-15    | 53' 1"     | 16.17    | 78' 8"                     | 23.99       | 305121                  | 352511                 |
|                            | CB30-16    | 56' 7"     | 17.24    | 82' 3"                     | 25.07       | 325495                  | 372884                 |
|                            | CB30-17    | 60' 2"     | 18.32    | 85' 9"                     | 26.14       | 345868                  | 393258                 |
|                            | CB30-18    | 63' 8"     | 19.40    | 89' 4"                     | 27.22       | 366240                  | 413631                 |
|                            | CB30-19    | 67' 3"     | 20.48    | 92' 10"                    | 28.30       | 386614                  | 434004                 |
|                            | CB30-20    | 70' 9"     | 21.55    | 96' 5"                     | 29.38       | 406988                  | 454378                 |
|                            | CB30-21    | 74' 4"     | 22.63    | 99' 11"                    | 30.45       | 427361                  | 474751                 |
|                            | CB30-22    | 77' 10"    | 23.71    | 103' 5"                    | 31.53       | 447734                  | 495124                 |
|                            | CB30-23    | 81' 4"     | 24.79    | 107' 0"                    | 32.61       | 468108                  | 515497                 |
|                            | CB30-24    | 84' 11"    | 25.86    | 110' 6"                    | 33.69       | 488481                  | 535871                 |
|                            | CB30-25    | 88' 5"     | 26.94    | 114' 1"                    | 34.76       | 508854                  | 556244                 |
| All Dia. 105" 2" (32.05 M) | CB34-10    | 35' 5"     | 10.78    | 64' 7"                     | 19.69       | 261069                  | 330055                 |
|                            | CB34-11    | 38' 11"    | 11.85    | 68' 2"                     | 20.77       | 282738                  | 356223                 |
|                            | CB34-12    | 42' 6"     | 12.93    | 71' 8"                     | 21.84       | 313406                  | 382392                 |
|                            | CB34-13    | 46' 0"     | 14.01    | 75' 2"                     | 22.92       | 339575                  | 408560                 |
|                            | CB34-14    | 49' 7"     | 15.09    | 78' 9"                     | 24.00       | 365743                  | 434728                 |
|                            | CB34-15    | 53' 1"     | 16.17    | 82' 3"                     | 25.08       | 391911                  | 460897                 |
|                            | CB34-16    | 56' 7"     | 17.24    | 85' 10"                    | 26.15       | 418080                  | 487065                 |
|                            | CB34-17    | 60' 2"     | 18.32    | 89' 4"                     | 27.23       | 444248                  | 513233                 |
|                            | CB34-18    | 63' 8"     | 19.40    | 92' 11"                    | 28.31       | 470416                  | 539402                 |
|                            | CB34-19    | 67' 3"     | 20.48    | 96' 5"                     | 29.39       | 496585                  | 565570                 |
|                            | CB34-20    | 70' 9"     | 21.55    | 99' 11"                    | 30.46       | 522753                  | 591739                 |
|                            | CB34-21    | 74' 4"     | 22.63    | 103' 6"                    | 31.54       | 548921                  | 617907                 |
|                            | CB34-22    | 77' 10"    | 23.71    | 107' 0"                    | 32.62       | 575090                  | 644075                 |
|                            | CB34-23    | 81' 4"     | 24.79    | 110' 7"                    | 33.70       | 601258                  | 670244                 |
|                            | CB34-24    | 84' 11"    | 25.86    | 114' 1"                    | 34.78       | 627427                  | 696412                 |
|                            | CB34-25    | 88' 5"     | 26.94    | 117' 8"                    | 35.85       | 653595                  | 722580                 |

**NOTE:** Metric ton capacity is based on a bulk density of 56 lbs/bushel (721 kg/m³). All capacities are based on a 6% compaction factor & 28° angle of repose.

NOTE: The CB12-CB34 series bins comes standard with a 30° roof slope as listed. CB18-CB34 bins have a peak load capacity up to 25,000 lbs (11,340Kg).

## For an exceptional value, Alminco commercial hopper tanks are the smart choice!

Alminco hopper tanks offer the same ease of installation and unparalleled strength found in the commercial grain bin line. Engineered from the highest quality materials, they provide the long term reliability and satisfaction you've come to expect from. Alminco For wet holding, storage or load-out, contact Alminco to maximize your storage dollar.



- The exclusive exterior "W" stiffener is almost twice as strong as the closest competing stiffener.
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- G115(350 g /m<sup>2</sup>) galvanized coating is standard on all roof panels, sidewalls and stiffeners for superior corrosion resistance.
- Utilizing a four panel per sidewall sheet design, the "V" rib roof provides standard peak load capacities of 3000 to 7500 lbs. (1364 to 3409 kgs ).
- A 45° bottom hopper cone and a 16" discharge opening are standard with commercial hopper tanks.



### Almin Enterprise Co., Ltd. (Taiwan)

No. 21, Ho-Hou Village, Hsin-Fong Hsiang,  
Hsinchu Hsien, 304 Taiwan

Tel: + 886-3-5680587

Fax: + 886-3-5689818

Email : info@alminco.com

### Alminco Agro Development Corp. (Philippine)

#20 Fema Road, Quezon City, Metro Manila, Philippine

Tel: +63-2-9284601

Fax: +63-2-9206657

Email : alminco@alminco.com

NOTE: Metric ton capacity is based on a density of 56 lbs/bushel (72-1 kg/m<sup>3</sup>).  
ALL capacities are based on a 6% compaction factor unless otherwise noted.

| Model Number | Eave (Ft.) | Eave (M) | Overall (Ft.) | Overall (M) | Estimated Storage Capacity |                   |                  |                  |
|--------------|------------|----------|---------------|-------------|----------------------------|-------------------|------------------|------------------|
|              |            |          |               |             | To Eave (Bushels)          | To Peak (Bushels) | To Peak* (M Ton) | To Peak (Cub. M) |
| CHT5-5       | 27' 11"    | 8.50     | 33' 1"        | 10.08       | 3198                       | 3417              | 87               | 113              |
| CHT5-6       | 31' 5"     | 9.58     | 36' 7"        | 11.16       | 3764                       | 3983              | 101              | 132              |
| CHT 5-7      | 35' 0"     | 10.66    | 40' 2"        | 12.24       | 4330                       | 4549              | 116              | 151              |
| CHT 5-8      | 38' 6"     | 11.74    | 43' 8"        | 13.32       | 4896                       | 5115              | 130              | 170              |
| CHT 5-9      | 42' 1"     | 12.82    | 47' 3"        | 14.39       | 5462                       | 5681              | 144              | 189              |
| CHT 5-10     | 45' 7"     | 13.89    | 50' 9"        | 15.47       | 6028                       | 6247              | 159              | 207              |

All Dia 15' 6" (4.7M) Leg Height 10' 3" Ft Cone Cap 360 Bushels

|          |         |       |         |       |       |       |     |     |
|----------|---------|-------|---------|-------|-------|-------|-----|-----|
| CHT 6-5  | 29' 8"  | 9.03  | 35' 11" | 10.94 | 4747  | 5126  | 130 | 170 |
| CHT 6-6  | 33' 2"  | 10.11 | 39' 5"  | 12.02 | 5562  | 5941  | 151 | 197 |
| CHT 6-7  | 36' 8"  | 11.19 | 43' 0"  | 13.10 | 6377  | 6756  | 172 | 224 |
| CHT 6-8  | 40' 3"  | 12.26 | 46' 6"  | 14.18 | 7191  | 7571  | 192 | 251 |
| CHT 6-9  | 43' 9"  | 13.34 | 50' 1"  | 15.25 | 8006  | 8385  | 213 | 278 |
| CHT 6-10 | 47' 4"  | 14.42 | 53' 7"  | 16.33 | 8821  | 9200  | 234 | 306 |
| CHT 6-11 | 50' 10" | 15.50 | 47' 1"  | 17.41 | 9636  | 10015 | 254 | 333 |
| CHT 6-12 | 54' 5"  | 16.58 | 60' 8"  | 18.49 | 10451 | 10830 | 275 | 360 |

All Dia 18' 7" (5.7M) Leg Height 11' 11" Ft Cone Cap 652 Bushels

|          |         |       |         |       |       |       |     |     |
|----------|---------|-------|---------|-------|-------|-------|-----|-----|
| CHT 7-5  | 31' 4"  | 9.55  | 38' 8"  | 11.79 | 6640  | 7242  | 184 | 241 |
| CHT 7-6  | 34' 11" | 10.63 | 42' 3"  | 12.87 | 7750  | 8352  | 212 | 277 |
| CHT 7-7  | 38' 5"  | 11.71 | 45' 9"  | 13.95 | 8859  | 9461  | 240 | 314 |
| CHT 7-8  | 41' 11" | 12.79 | 49' 4"  | 15.03 | 9968  | 10570 | 268 | 351 |
| CHT 7-9  | 45' 6"  | 13.86 | 52' 10" | 16.10 | 11077 | 11679 | 297 | 388 |
| CHT 7-10 | 49' 0"  | 14.94 | 56' 4"  | 17.18 | 12187 | 12789 | 325 | 425 |
| CHT 7-11 | 52' 7"  | 16.02 | 59' 11" | 18.26 | 13296 | 13898 | 353 | 462 |
| CHT 7-12 | 56' 1"  | 17.10 | 63' 5"  | 19.34 | 14405 | 15007 | 381 | 498 |
| CHT 7-13 | 59' 8"  | 18.18 | 67' 0"  | 20.42 | 15514 | 16116 | 409 | 535 |
| CHT 7-14 | 63' 2"  | 19.25 | 70' 6"  | 21.49 | 16623 | 17225 | 438 | 572 |

All Dia 21' 8" (6.6M) Leg Height 13' 8" Ft Cone Cap 1057 Bushels

|          |         |       |         |       |       |       |     |     |
|----------|---------|-------|---------|-------|-------|-------|-----|-----|
| CHT 8-5  | 32' 9"  | 9.99  | 41' 3"  | 12.57 | 8888  | 9786  | 249 | 325 |
| CHT 8-6  | 36' 4"  | 11.07 | 44' 9"  | 13.64 | 10337 | 11235 | 285 | 373 |
| CHT 8-7  | 39' 10" | 12.15 | 48' 4"  | 14.72 | 11785 | 12684 | 322 | 421 |
| CHT 8-8  | 43' 5"  | 13.23 | 51' 10" | 15.80 | 13234 | 14133 | 359 | 469 |
| CHT 8-9  | 46' 11" | 14.30 | 55' 4"  | 16.88 | 14683 | 15582 | 396 | 517 |
| CHT 8-10 | 50' 6"  | 15.38 | 58' 11" | 17.96 | 16132 | 17030 | 433 | 566 |
| CHT 8-11 | 54' 0"  | 16.46 | 62' 5"  | 19.03 | 17580 | 18479 | 469 | 614 |
| CHT 8-12 | 57' 6"  | 17.54 | 66' 0"  | 20.11 | 19029 | 19928 | 506 | 662 |
| CHT 8-13 | 61' 1"  | 18.61 | 69' 6"  | 21.19 | 20478 | 21377 | 543 | 710 |
| CHT 8-14 | 64' 7"  | 19.69 | 73' 1"  | 22.27 | 21927 | 22825 | 580 | 758 |

All Dia 24' 9" (7.5M) Leg Height 15' 1" Ft Cone Cap 1583 Bushels

|          |         |       |         |       |       |       |     |     |
|----------|---------|-------|---------|-------|-------|-------|-----|-----|
| CHT 9-5  | 34' 8"  | 10.58 | 44' 3"  | 13.48 | 11569 | 12849 | 326 | 427 |
| CHT 9-6  | 38' 3"  | 11.65 | 47' 9"  | 14.56 | 13403 | 14682 | 373 | 488 |
| CHT 9-7  | 41' 9"  | 12.73 | 51' 4"  | 15.64 | 15236 | 16516 | 420 | 548 |
| CHT 9-8  | 45' 4"  | 13.81 | 54' 10" | 16.72 | 17070 | 18350 | 466 | 609 |
| CHT 9-9  | 48' 10" | 14.89 | 58' 5"  | 17.79 | 18904 | 20183 | 513 | 670 |
| CHT 9-10 | 52' 5"  | 15.96 | 61' 11" | 18.87 | 20737 | 22017 | 559 | 731 |
| CHT 9-11 | 55' 11" | 17.04 | 65' 5"  | 19.95 | 22571 | 23850 | 606 | 792 |
| CHT 9-12 | 59' 5"  | 18.12 | 69' 0"  | 21.03 | 24404 | 25684 | 652 | 853 |
| CHT 9-13 | 63' 0"  | 19.20 | 72' 6"  | 22.10 | 26238 | 27518 | 699 | 914 |
| CHT 9-14 | 66' 6"  | 20.28 | 76' 1"  | 23.18 | 28072 | 29351 | 746 | 975 |

All Dia 27' 10" (8.5M) Leg Height 17' 0" Ft Cone Cap 2306 Bushels

|           |         |       |         |       |       |       |      |      |
|-----------|---------|-------|---------|-------|-------|-------|------|------|
| CHT 10-5  | 36' 5"  | 11.09 | 47' 0"  | 14.34 | 14651 | 16406 | 417  | 545  |
| CHT 10-6  | 39' 11" | 12.17 | 50' 7"  | 15.41 | 16915 | 18670 | 474  | 620  |
| CHT 10-7  | 43' 6"  | 13.25 | 54' 1"  | 16.49 | 19178 | 20934 | 532  | 695  |
| CHT 10-8  | 47' 0"  | 14.33 | 57' 8"  | 17.57 | 21442 | 23197 | 589  | 770  |
| CHT 10-9  | 50' 6"  | 15.40 | 61' 2"  | 18.65 | 23706 | 25461 | 647  | 845  |
| CHT 10-10 | 54' 1"  | 16.48 | 64' 9"  | 19.72 | 25969 | 27725 | 704  | 921  |
| CHT 10-11 | 57' 7"  | 17.56 | 68' 3"  | 20.80 | 28233 | 29988 | 762  | 996  |
| CHT 10-12 | 61' 2"  | 18.64 | 71' 9"  | 21.88 | 30497 | 32252 | 819  | 1071 |
| CHT 10-13 | 64' 8"  | 19.72 | 75' 4"  | 22.96 | 32761 | 34516 | 877  | 1146 |
| CHT 10-14 | 68' 3"  | 20.79 | 78' 10" | 24.03 | 35024 | 36779 | 934  | 1221 |
| CHT 10-15 | 71' 9"  | 21.87 | 82' 5"  | 25.11 | 37288 | 39043 | 992  | 1297 |
| CHT 10-16 | 75' 3"  | 22.95 | 85' 11" | 26.19 | 39552 | 41307 | 1049 | 1372 |

All Dia 30' 11" (9.4M) Leg Height 18' 9" Ft Cone Cap 3194 Bushels

|           |         |       |         |       |       |       |      |      |
|-----------|---------|-------|---------|-------|-------|-------|------|------|
| CHT 12-5  | 40' 1"  | 12.21 | 52' 11" | 16.12 | 22162 | 25195 | 640  | 837  |
| CHT 12-6  | 43' 7"  | 13.29 | 56' 5"  | 17.19 | 25422 | 28455 | 723  | 945  |
| CHT 12-7  | 47' 2"  | 14.37 | 59' 11" | 18.27 | 28682 | 31715 | 806  | 1053 |
| CHT 12-8  | 50' 8"  | 15.44 | 63' 6"  | 19.35 | 31942 | 34974 | 888  | 1161 |
| CHT 12-9  | 54' 2"  | 16.52 | 67' 0"  | 20.43 | 35201 | 38234 | 971  | 1270 |
| CHT 12-10 | 57' 9"  | 17.60 | 70' 7"  | 21.51 | 38461 | 41494 | 1054 | 1378 |
| CHT 12-11 | 61' 3"  | 18.68 | 74' 1"  | 22.58 | 41721 | 44754 | 1137 | 1486 |
| CHT 12-12 | 64' 10" | 19.76 | 77' 8"  | 23.66 | 44980 | 48013 | 1220 | 1594 |
| CHT 12-13 | 68' 4"  | 20.83 | 81' 2"  | 24.74 | 48240 | 51273 | 1302 | 1703 |
| CHT 12-14 | 71' 11" | 21.91 | 84' 8"  | 25.82 | 51500 | 54533 | 1385 | 1811 |

All Dia 37' 1" (9.4M) Leg Height 22' 5" Ft Cone Cap 5604 Bushels