

STEEL BINS



Lifelong, modular
bulk storage solutions

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Clean Bin

When Residues Are A Challenge

Clean Bins are containers without inner stiffeners. All the bolts and nuts are mounted externally, offering full discharge and preventing foreign objects to interfere with the material flow.

All panel sections are galvanized to ensure long life durability. The smooth steel panels ensure good internal hygiene and optimum bin discharge. The panels are resistant to high-pressure cleaning.

The system is modular which provides a wide range of combinations that can easily be adapted to your needs and space. Each module is made of metal sheets, which makes them easy to install on-site. Additional sections can be added to increase the volume.

Installation in existing buildings is easy, as all bin parts can pass through a standard doorway.

The bottom cone of C-100, C-125 and C-150 is 60° with an outlet flange of 300 x 300 mm (11.8 x 11.8

in). C-200, C-250 and C-300 are available with 45° and 60° cones. Outlet flange is 300 x 300 mm (11.8 x 11.8 in) by 45° cone and 500 x 500 mm (19.7 x 19.7 in) by 60° cone.

The Clean Bins are supplied with a standard split steel cover which ensures easy connection to filling equipment in the center of the cover.

Optional equipment includes a motorized slide gate, injection unit, level sensors, load cells with display, vibrators and connecting pieces for augers and feed system inlets.

Applications

The Clean Bin is a good choice when you need efficient and optimized discharge with no residues left behind. Some examples are listed below.



lb/ft³



Cereals



Meal Feed



Pellets



Granulate

Measurements for Clean Bin 100 - 150 / 200 - 300

Measurements in	Height in	Contents ft ³	Load meter*	Indicative installation hours for 2 persons
43 x 43	49.21-238.19	9-164	0.60	3.5-9.5
52 x 52	49.21-238.19	18-263	1.00	3.5-10
62 x 62	61.02-250	31-387	1.00	3.5-12



Clean Bin 100-150

Measurements in	Height in	Contents ft ³	Load meter*	Indicative installation hours for 2 persons
84 x 84	70.47-420.47	43-1235	1.40	6-21
107 x 107	80.71-348.42	87-1486	2.70	7-26
124 x 124	81.1-403.94	142-2365	3.20-6.	7-32



Clean Bin 200-300

*A load meter corresponds to 1 linear meter of loading space in a truck

Modular Bin

The Original

Galvanized sections provide long-life durability, ensuring good internal hygiene and optimum bin discharge. The panels can withstand high-pressure cleaning.

The modular system is flexible, providing various combinations and the sections are designed for easy on-site assembly.

Installation in existing buildings is easy, as all bin parts can pass through a standard doorway.

The bottom cone is available at two different angles. The 45° cone is suitable for easy-flowing materials. The discharge measures 300 x 300 mm (11.8 x 11.8 in) and has one shut-off slide. The 60° cone is the perfect choice for materials with flow challenges such as mixed feed and soybean meal. The discharge flange is 500 x 500 mm (19.7 x 19.7 in) and has two shut-off slides measuring 250 x 500 mm (9.8 x 19.7 in).

The leg length allows most standard feed system inlets and augers to be fitted under the bin. The discharge height can be adjusted as required using our full range of extension legs.

Standard equipment includes an inspection hatch with window, a manually operated shut-off slide and a steel cover.

Injection unit complete with tanker connection flange, piping, filter box and filter bag can also be supplied with the bin as standard.

Optional equipment includes a reinforced cover, guardrails, level sensors, load cells with display, vibrators and connecting pieces for augers and feed system inlets.



Applications

The Modular Bin is the perfect choice for bulk storage of cereals, granulates, meal feed, pellets and more.



Measurements for Modular Bin

Measurements in	Height in	Contents ft ³	Load meter*	Indicative installation hours for 2 persons
41 x 41	50–199.21	5–120	0.60	3.5–9.5
51 x 51	54.69–204.33	10–196	1.00	3.4–10
61 x 61	61.85–215.35	18–291	0.80	3.5–12
81 x 81	70.87–476.38	43–1226	1.40	6–17
100 x 100	80.71–476.38	87–2152	2.70	7–24
118 x 118	80.71–491.26	143–3053	3.20	7–36.5
140 x 140	91.34–384.25	226–2963	4.10–5.40	11–42

*A load meter corresponds to 1 linear meter of loading space in a truck

Agro Bin

For Superior Quality

Galvanized sections provide high durability, ensuring good internal hygiene and optimum bin discharge. The panels can withstand high-pressure cleaning.

The modular system is flexible, offering various combinations and the sections are ready for easy on-site assembly.

Installation in existing buildings is easy, as all bin parts can pass through a standard doorway.

The bin discharge flanges are 300 x 300 mm (11.8 x 11.8 in) with a shut-off slide and fit auger feed units or any customized transition.

The bottom cone is available with 45° or 60° angles. The 45° cone is suitable for easy-flowing materials such as feed pellets, grain and wood pellets. The 60° is the perfect choice for meal feed.

The standard leg length allows most standard feed system inlets and augers to be fitted under the bin. If a different discharge height is required, the bin can be delivered with another set of legs. Standard legs range from 100 cm (39.4 in) to 300 cm (118.1 in) in increments of only 10 cm (3.94 in).

Measurements for Agro Bin

Measurements in	Height in	Contents ft ³	Load meter*	Indicative installation hours for 2 persons
41 x 41	39.37–250.39	5–169	0.60	3.5– 9
51 x 51	43.31–258.27	10–274	1.00	3.5 –9.5
61 x 61	49.61–266.73	18–405	1.00	3.5–11
81 x 81	61.42–282.68	43–753	1.40	4–15
100 x 100	69.29–301.57	87–1218	2.70	6–21
118 x 118	77.17–318.00	143–1830	3.20	6–22

* A load meter corresponds to 1 linear meter of loading space in a truck

The Agro Bin includes an inspection door, inspection window, a manually operated shut-off slide and a steel cover.

Injection units complete with tanker connection flange, piping, filter box and filter bag can also be supplied with the bin as standard.

Optional equipment includes level sensors, vibrators and connecting pieces for augers and feed system inlets.

Applications

Agro Bin is the perfect choice for bulk storage of your crops such as wheat, barley, oats, but also meal feed or pellets.



lb/ft³



Cereals



Meal Feed



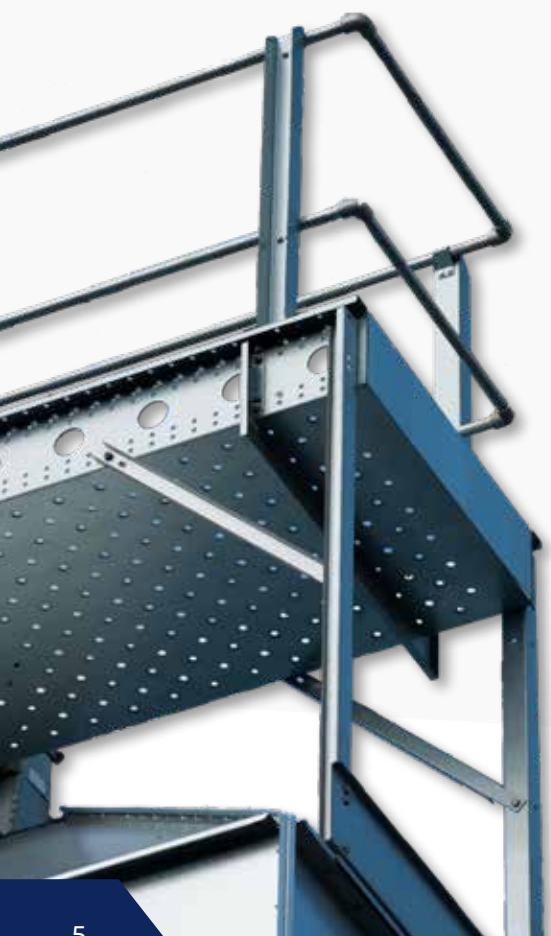
Pellets

Accessories

Adaption To Your Needs

We offer a wide range of bin accessories that allow you to design a bin solution in accordance with your project needs. All our features are designed to offer unmatched durability and a trouble-free performance to your bins.

- Pipes
- Clips
- Outlets
- Tanker flanges
- Cyclone
- Inlets
- Inspection door
- Slide gates
- Bends
- Ladder, catwalk and guardrail
- Display
- Cables
- Load cells
- Levels control
- Vibrators
- Transitions
- Cover plates
- Sealer
- Filter bags
- Diverters with motor and auxiliary switch







ABOUT KONGSKILDE

Trusted global provider of material handling solutions since 1949

We have over 70 years of experience delivering precisely engineered, expertly manufactured, customer-specific pneumatic conveying and material handling products for the plastics, paper, packaging, and agricultural industries.



Our Guarantee

We guarantee that our equipment and custom-engineered systems will perform to your production requirements.



Custom Engineering

We specialize in custom-engineered systems crafted to meet your unique system specifications.



Global Support

Our systems are backed by a global team of technical professionals to provide high-quality customer support.

