



# STEEL BINS

**We meet every customer need,  
offering lucrative and lifelong  
reliable bulk storage solutions.**



# Reliable Bulk Storage Solutions



## MODULAR BINS

- Complete solutions
- Large capacities
- Optimum use of space
- From 0,14m<sup>3</sup> to 91m<sup>3</sup>



## COMPACT KIT

- Best low freight costs
- Mounting: 2 men - 2 days
- Heat-treated wooden box
- Language-neutral assembly instructions



## JUST IN TIME

- Flexible production
- Certified steel
- Statical calculations
- CE-documentation



## WORLDWIDE

- Global distribution
- Customer adaptations
- High-quality service

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# Modular Bin - The Original

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

The modular system is flexible, providing 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 bottom cone is available with two different angles. The 45° cone is suitable for easy-flowing materials. The 60° cone is the perfect choice for materials with flow challenges such as mixed feed and soybean meal. The discharge flange is 500x500 mm and have two shut-off slides measuring 250x500mm.

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 offers 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 as reinforced cover, guardrails, level sensors, load cells with display, vibrators and connecting pieces for augers and feed system inlets can be delivered.

## Applications

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



Measurements mm	Height m	Contents m <sup>3</sup>	Load metre	Indicative installation hours for 2 persons
1050 x 1050	1.27 - 5.06	0.14 - 3.40	0.60	3.5 - 9.5
1300 x 1300	1.39 - 5.16	0.28 - 5.54	1.00	3.4 - 10
1550 x 1550	1.57 - 5.46	0.50 - 8.24	0.80	3.5 - 12
2050 x 2050	1.80 - 10.69	1.23 - 34.69	1.40	6 - 17
2550 x 2550	2.05 - 12.09	2.45 - 60.91	2.70	7 - 24
3000 x 3000	2.05 - 12.47	4.06 - 86.35	3.20	7 - 36.5
3546 x 3546	2.31 - 9.76	6.40 - 83.90	4.10 - 5.40	11-42



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# HD Modular Bin - Optimum Hopper Cone

The 60° cone is without inner stiffeners, easy to assembly and provide the optimum discharge of the bin.

Galvanised sections (Z275) provide long-life durability, ensuring good internal hygiene and optimum bin discharge. The panels can resist high-pressure cleaning.

The modular system is flexible, providing 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.

Injection unit complete with connection flange, piping, filter box and filter bag can be supplied with the bin or easily fitted later.

The hopper cone is standard available with an angle of 60°, which is the perfect choice for materials as mixed feed and soybean meal. The discharge flange is 500x500 mm and have two shut-off slides measuring 250x500mm. The hopper can also be delivered in 45° on request.

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

Optional equipment as reinforced cover, guardrails, level sensors, load cells with display, vibrators and connecting pieces for augers and feed system inlets can be delivered.

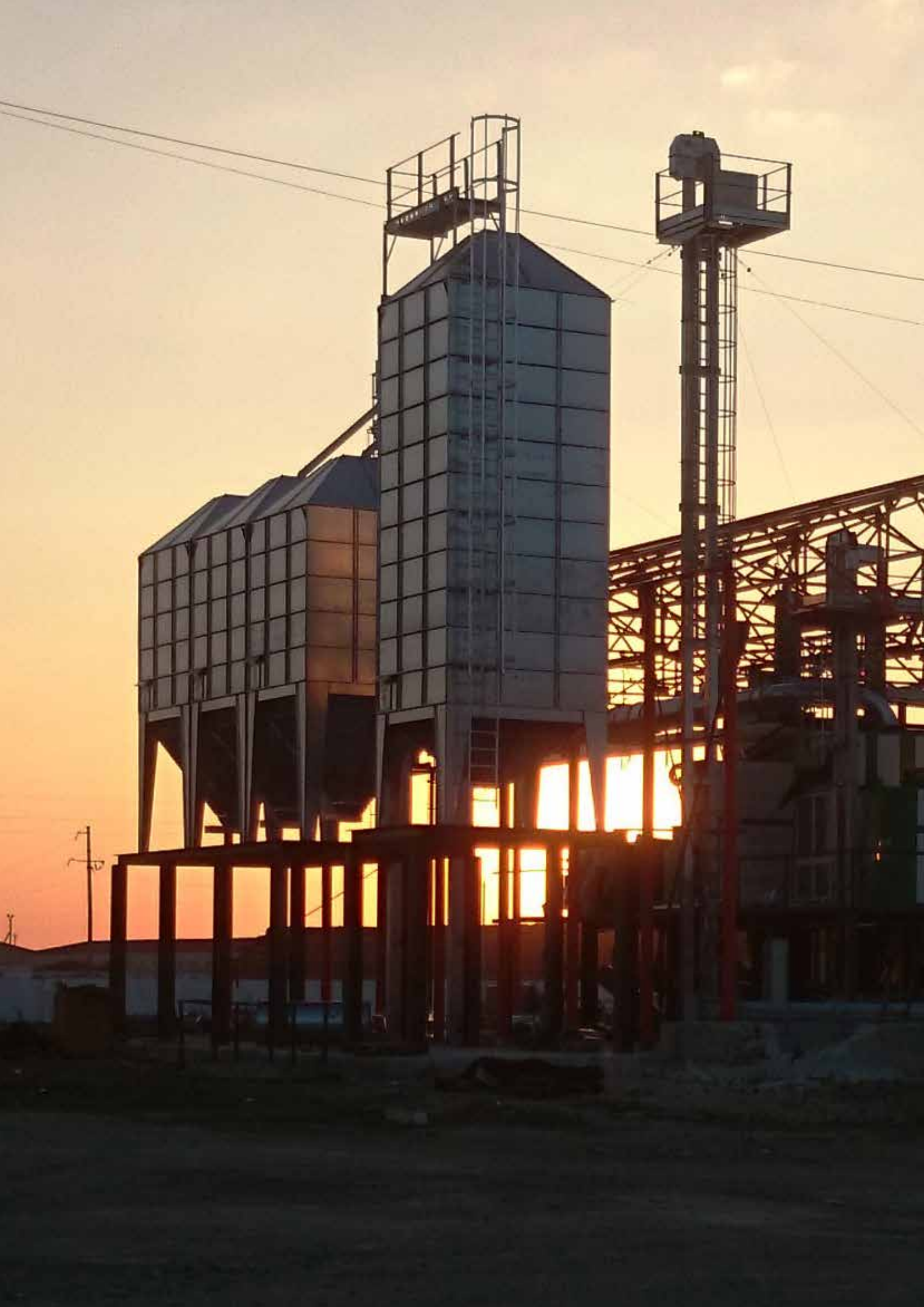


## Applications

The HD modular bin is the perfect choice for bulk storage of cereals, granulates, meal feed, pellets and more.



Measurements mm	Height m	Contents m <sup>3</sup>	Load metre	Indicative installation hours for 2 persons
2700 x 2550	2.56 - 8.86	4.21 - 42.08	2.70	7 - 24
3000 x 3000	2.94 - 9.87	7.00 - 65.26	3.20	7 - 36.5





# Outdoor Modular Bin - For Severe Conditions

Galvanised sections offer long-life durability, ensuring good internal hygiene and optimum bin discharge. The panels can resist high-pressure cleaning. The bins are also available in stainless steel.

All of the bin's side panels have external flanges with down-folded edges that seals the horizontal joints. The flanges and the heavy duty rubber filler strips ensure that the bin is completely sealed.

45° roof with an efficient cyclone and injection pipe is standard. The cyclone top venting unit is protected by a rain cap. The bin is also available without the injection system, when filled using mechanical conveying systems.

The bottom cone is available with two different angles. The 45° cone is suitable for easy-flowing materials. The discharge flange is 300x300 mm and supplied with one shut-off slide. The 60° cone is ideal for materials with flow challenges. The discharge flange

is 500x500mm and has two 250x500mm shut-off slides.

By using the two outlets alternately you can ensure that old materials are never left behind in the bin.

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

Standard equipment - Injection pipe, injection connection flange, cyclone with rain cap or vent pipe, inspection door with window, manually operated shut-off slide and expansion bolts for fastening to the base.

## Applications

The Outdoor Modular Bin is the perfect choice for bulk storage of your dry materials such as wheat, barley, oats, meal feed or pellets.



Measurements mm	Height m	Contents m <sup>3</sup>	Load metre	Indicative installation hours for 2 persons
2550 x 2550	2.95 - 13.30	4.90 - 59.58	1.60 - 2.65	9.5 - 27.5
3000 x 3000	3.31- 14.13	8.06 - 85.06	2.10 - 3.15	9.5 - 38

Other bin sizes and models can be delivered for outdoor conditions on request.



# Clean Bin - When Residues Are A Challenge

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

Galvanised - all panel sections are galvanised 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 modular system provides a wide range of combinations which can easily be adapted to your needs and space. Each module is made of metal sheets, 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 300x300mm. C-200, C-250

and C-300 are available with 45° and 60° cone. Outlet flange is 300x300 by 45° cone and 500x500 by 60° cone.

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

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

## Applications

The Clean Bin is a generation of bins, created with the purpose to cover different needs in the market, offering an efficient and optimised discharge of the bin with no residues left behind.



Clean Silo 100-150



Clean Silo 200-300



Measurements mm	Height m	Contents m <sup>3</sup>	Load metre	Indicative installation hours for 2 persons
1080 x 1080	1.25 - 6.05	0.25- 4.65	0.60	3.5 - 9.5
1330 x 1330	1.25 - 6.05	0.5- 7.46	1.00	3.5 - 10
1580 x 1580	1.55- 6.35	0.87 - 10.95	1.00	3.5 - 12

Measurements mm	Height m	Contents m <sup>3</sup>	Load metre	Indicative installation hours for 2 persons
2125 x 2125	1.79 - 10.68	1.23- 34.91	1.40	6 - 21
2711 x 2711	2.05 - 8.85	2.45- 42.01	2.70	7 - 26
3147 x 3147	2.06 - 10.26	4.02 - 66.93	3.20 - 6.40	7 - 32



# Mineral Bin - The Solid One

Hot-dip galvanised long-lasting metal sheets sections are standard in this bin. The smooth steel plates ensure excellent hygiene and optimum emptying of the bin. A high-pressure cleaner can be used for cleaning the plates. The bin is also available in stainless steel.

The modular system guarantees a high level of adaptability through a wide range of combinations improving space issues, and are easy to assemble on site.

Installation in existing buildings is smooth as all parts of the bin can pass a standard door opening.

The bottom cone is available with a 60° inclination and with full-height partition walls. The outlet measures 300x300mm and has two slide gates in stainless steel of 150x300mm. By using the two slides in turn, you can ensure a full discharge of your material.

The leg length is adapted to allow most augers to be installed below the bin. Bins with other outlet heights can be delivered on request.

Standard equipment – the bin is supplied with an inspection hatch in the cover, manually operated slide gate, a steel cover and complete injection with tanker flange, pipes, filter box and filter bag.

Accessories such as level sensor, vibrator and transitions for lift stations and auger inlets can be ordered.

## Applications

The Mineral bin is designed for storage of powders and granulets with a density of up to 1100 kg/m<sup>3</sup>.



Measurements mm	Height m	Contents m <sup>3</sup>	Load metre	Indicative installation hours for 2 persons
1600 x 1600	2.20 - 5.20	2.17 - 9.12	1.40	7 - 17
2018 x 2018	2.84 - 5.39	4.69 - 13.65	1.40	7 - 17





# Auger Bin - For Difficult Materials

The auger bin is modular and share not only components with the Modular bin, but also advantages such as long service life, galvanized plate sections, many combination options and good hygiene.

Installation in existing buildings is easy as all parts of the bin can pass through a standard door opening.

The trough auger is open along the section length. The auger flight has two different pitches to allow uniform discharge.

The Q-16 outlet of the trough auger is located outside the bin, so that the contents only flow when the auger is running. The auger is powered by a heavy duty worm gear motor, operating at a standard speed of 93 RPM. A wide range of worm gear motors allows you to change the auger capacity.

The agitator can be mounted for particularly difficult materials. A separate worm gear motor is driving the Agitator making sure that the agitator only runs when necessary.

The leg length has been adjusted to allow trough augers and screw conveyors to be mounted under the bin discharge. Naturally, the outlet height can be changed as required using our wide range of extension legs.

Standard equipment - the auger discharge bin is supplied with an inspection door, inspection glass, steel cover and trough auger with worm gear motor. The bin can also as standard be supplied with injection unit complete with tanker lorry connection flange, piping, filter box and filter bag.

Optional equipment as agitator, level sensors, vibrators and connecting pieces for augers and feed system inlets, etc can be ordered.

## Applications

Auger discharge bin allows optimum emptying efficiency of light materials that often cause bridging. The system is designed with two different pitches to allow uniform discharge.



Measurements mm	Height m	Contents m <sup>3</sup>	Load metre	Indicative installation hours for 2 persons
1050 x 1050 (1050 x 1735)	1.39 - 4.91	0.34 - 3.50	1.00	5 - 11
1300 x 1300 (1300 x 1990)	1.52 - 5.16	0.46 - 5.50	1.40	5 - 12
1550 x 1550 (1550 x 2260)	1.94 - 5.58	1.27 - 8.67	1.40	5 - 13
2050 x 2050 (2050 x 2790)	2.68 - 5.89	3.15 - 16.55	1.40	7 - 18.5
2550 x 2550 (2550 x 3140)	2.68 - 7.79	5.91 - 36.46	2.70	9 - 25
3000 x 3000 (3000 x 3575)	3.05 - 8.17	9.17 - 62.07	3.20	9 - 32





# Agro Bin - Superior Quality

Galvanised sections provide long-life durability, ensuring good internal hygiene and optimum bin discharge. The panels can resist 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 300x300 mm with a shut-off slide and fit auger feed units or any customized transition as optional.

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 flow challenged materials.

The standard leg length is allowing 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 are ranging from 100 cm to 300 cm in increments of only 10 cm.

Standard equipment - The Agro Bin is supplied with an inspection door, inspection 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 as level sensors, vibrators and connecting pieces for augers and feed system inlets can be delivered.

## Applications

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



Measurements mm	Height m	Contents m <sup>3</sup>	Load metre	Indicative installation hours for 2 persons
1050 x 1050	1.00 - 6.36	0.14 - 4.79	0.60	3.5 - 9
1300 x 1300	1.10 - 6.56	0.28 - 7.75	1.00	3.5 - 9.5
1550 x 1550	1.26 - 6.76	0.50 - 11.47	1.00	3.5 - 11
2050 x 2050	1.56 - 7.17	1.23 - 21.29	1.40	4 - 15
2550 x 2550	1.76 - 7.67	2.45 - 34.49	2.70	6 - 21
3000 x 3000	1.96 - 8.07	4.06 - 51.75	3.20	6 - 22







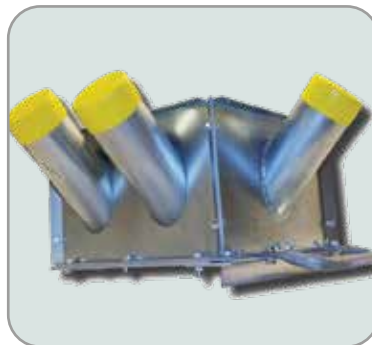
# Accessories - Adaptation To Your Needs

We offer a wide range of bin accessories that allow to designing 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







# Solutions for Agri-Businesses since 1949

We are pioneers within the field of conveying blowers for different solutions. Our systems include conveying, cleaning and separation of grain and raw materials - it's quick, efficient, and environment friendly.

In Kongskilde, our dedicated and experienced staff ensure that all products and solutions are in a league of their

own both in regards to development, test, production and installation. The reliable and scalable solutions are designed in close cooperation with our customers, who always have the last say. Dialogue is the first step towards the best Kongskilde solution; you tell us your company needs - now and in the future.



WEIGHING



DRYING AND STORAGE



CLEANING AND SEPARATION



CONVEYING MECHANICALLY



CONVEYING PNEUMATICALLY

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