

BM MODULSILO (Square & Rectangular)



WHY BDC SYSTEMS?

SALES & DESIGN

We offer a full range of post-harvest equipment from world-leading manufacturers. Our sales team covers the entire UK and Ireland, and are highly experienced in designing and specifying systems for new-build and plant extensions on an agricultural and industrial scale.

TECHNICAL SUPPORT

As well as after-sales support, our technical support department has an enviable knowledge of all aspects of grain drying, storage, cleaning and conveying.

SPARES

We keep in stock a wide range of commonly required spare parts and ducting for much of the equipment we supply. This can be dispatched quickly by carrier or on our own transport for local customers. Items not carried as standard stock can be sourced quickly from the original manufacturers.



Square Modulsilo



Rectangular Modulsilo

The BM Modular Silo is a high quality, precision machined silo designed for the storage of dry materials. Both square and rectangular silos are available in a range of sizes and are manufactured as standard from galvanised smooth steel panels to ensure good internal hygiene and optimum silo discharge. The panels can withstand high pressure cleaning. Stainless steel silos are also available.

DRYING:

- ◆ Svegma Continuous Flow or Batch Grain Dryers

- ◆ Drying Silos

HANDLING:

- ◆ Skandia Elevators & Conveyors
- ◆ Silo Discharge Systems

STORAGE:

- ◆ Hopper Bottom Square Silos
- ◆ Lorry Loading Silos
- ◆ Round Silos
- ◆ Square Silos

VENTILATION

- ◆ Low Cost Galvanised Steel Air Stacks
- ◆ Fans
- ◆ Corraduct Laterals
- ◆ Multibar Laterals
- ◆ Drive-Over Laterals
- ◆ Kool-It Airspears
- ◆ Grain Butler Self Propelled Stirring Auger

CLEANING

- ◆ Skandia Dust & Chaff
- ◆ Aagaard Pre-Cleaners
- ◆ Zanin Cleaners
- ◆ Denis Cleaners
- ◆ President Cleaners

**The Ultimate
in Grain Care**

Modular System

A multitude of combinations and easy adaptation to individual needs and special conditions are possible with the Modular silo range. The individual modules consist of panel sections that are ready for easy on-site assembly. All Modulsilos with a 45° bottom can be increased to the largest model in the series. The height of the 100—200 model silos with a 60° bottom can subsequently be increased to the largest model in the series.* exceptions exist within the rectangular range.

Installation inside an existing building is not a problem as all silo parts are small enough to pass through a standard doorway.

Injection unit. Complete with tanker lorry connection flange, piping, filter box and filter bag can be supplied with the silo or easily retrofitted.

Two **Bottom Cones** are available: 45° with one 300x300mm shut-off slide for east

-flowing materials such as feed pellets, grain and wood pellets.

The 60° cone has partition walls from top to bottom and is suitable for materials which do not flow so easily, such as mixed feed and soya bean meal. The discharge on this cone measures 500x500mm and has two shut off slides measuring 250x500mm. Using the two slides alternatively ensures the old material is always cleared away from the silo. Model 100 is delivered without partition wall and will a 300x300mm discharge.

The **Leg Length** has been adapted to allow most standard feed system inlets and augers to be fitted under the silo. The discharge height can be adjusted as required by means of a wide range of extension legs.

Modulsilos come with an inspection hatch, inspection window, manually operated shut-off slide and steel cover as **standard**

Rectangular Modul silo

Model	Dimensions (mm)	Height (m)	Contents (t)*	Cone Angle
100 x 150	1050 x 1550	1.51 - 5.04	0.39 - 3.54	60° / 71°
100 x 200	1050 x 2050	2.50 - 60.2	0.73 - 4.97	60° / 74°
125 x 250	1300 x 2550	3.05 - 7.05	1.43 - 9.07	60° / 74°
150 x 200	1550 x 2050	2.55 - 6.07	1.06 - 7.53	60° / 71°
200 x 300	2050 x 3000	2.18 - 7.22	3.20 - 21.72	45° / 57°
250 x 300	2550 x 3000	3.05 - 8.09	3.91 - 27.21	60° / 65°
300 x 400	2987 x 3900	2.56 - 9.52	5.27 - 62.45**	45° / 53.5°

* Based on a density of 650kg/m³

** Based on a density of 750kg/m³

Square Modul silo

Model	Dimensions (mm)	Height (m)	Contents (t)*	Cone Angle
100	1050 x 1050	1.27 - 5.04	0.09 - 2.21	45° / 60°
125	1300 x 1300	1.39 - 6.04	0.18 - 4.45	45° / 60°
150	1550 x 1550	1.57 - 5.34	0.33 - 5.36	45° / 60°
200	2050 x 2050	1.80 - 5.57	0.79 - 10.08	45° / 60°
250	2550 x 2550	2.06 - 7.60	1.59 - 22.39	45° / 60°
300	3000 x 3000	2.06 - 13.15	2.64 - 59.57	45° / 60°

* Based on a density of 650kg/m³

Type 200 to 3000 can also be delivered in a type for max 900kg/m³



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