

# LOW VOLUME VENTILATION



## WHY BDC SYSTEMS?

### SALES & DESIGN

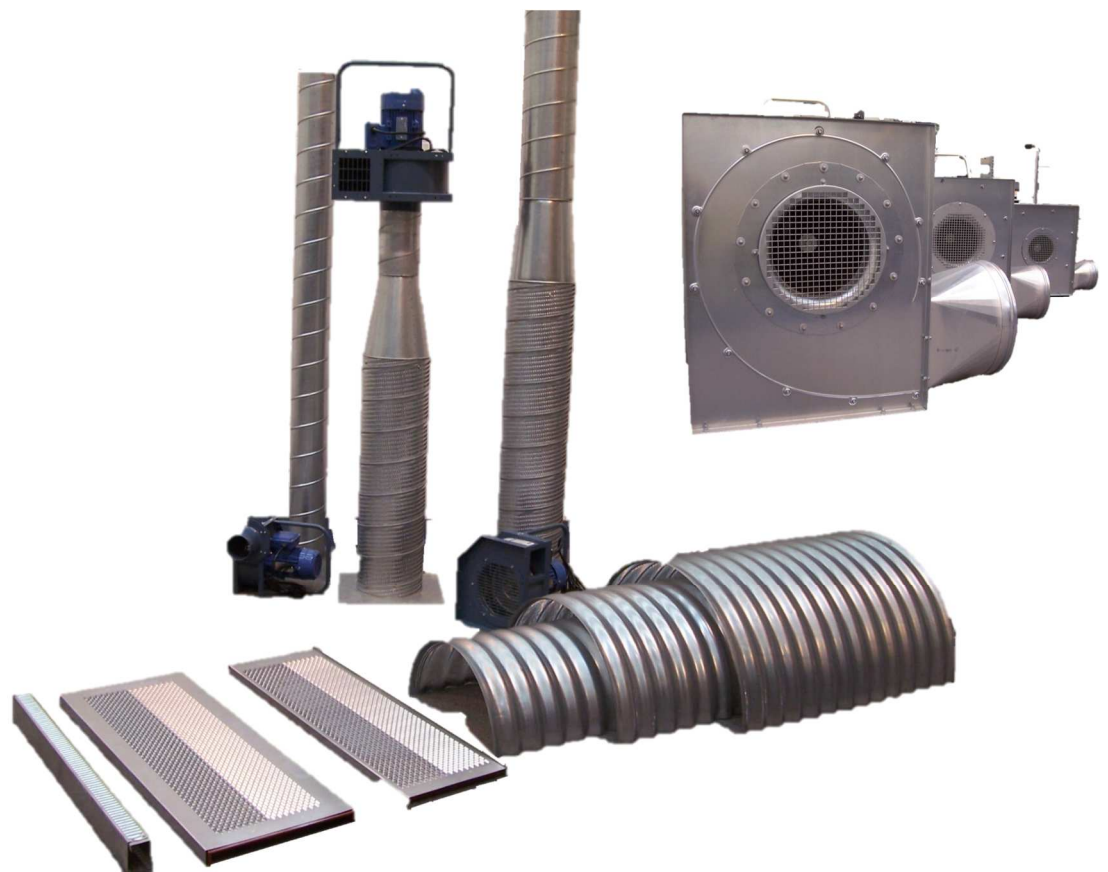
We offer a full range of post-harvest equipment from world-leading manufacturers. Our sales team covers the entire UK and Ireland, and are highly experienced in designing and specifying systems for new-build and plant extensions on an agricultural and industrial scale.

### 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.



BDC systems offer the complete range of low volume ventilation equipment to cool grain and keep it conditioned.

Aeration (LVV) should begin immediately the laterals are covered, and continued according to the moisture content and temperature of the crop.

The principle of aeration is to slowly change with air within the crop and not to force air through, as with drying. It is, therefore, important to select the correct size fan for each application.

- 'DRIVEOVER' level floor laterals
- 'MULTIBAR' level floor lateral
- 'CORRADUCT' half round above floor lateral
- Complete systems for silos
- Design service available
- Air Stacks
- Air spears

**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**



**MOBILE FAN UNITS**

Galvanised centrifugal fan units for aeration / drying. Available in single phase or 3 phase. Separate temperature and humidity controllers available.

Model	Outlet	Kw	cfm		
			2"	4"	6"
TRL15	200mm	1.5	1880	1530	n/a
TLR22	300mm	2.2	3590	3220	2350
TLR40	300mm	4	5530	4770	4000
TLR55	400mm	5.5	5940	5410	4770
TLR75	400mm	7.5	7360	6650	5880

**LVV Fan Units** in single or 3 phase with pressure outlet or suction inlet.

Model	Kw	Outlet	cfm@ 2"	Ventilates
CB7	0.25	100mm	400	up to 75 tonnes
CB8	0.55	150mm	750	up to 150 tonnes
CB9	1.1	150mm	1450	up to 250 tonnes
CB9	1.5	200mm	1650	up to 300 tonnes



0.37kw High Pressure Fan specifically designed to suit the original Bentall low volume systems.

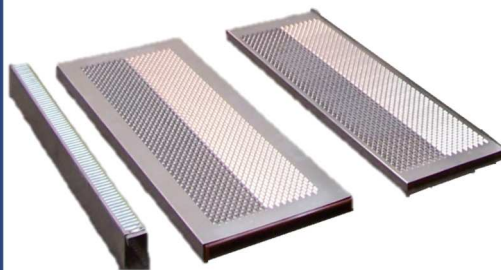
**LATERAL SYSTEMS**

**Above Floor:** 'A' type galvanised in lengths 1156mm, 875mm and 559mm. (*not shown*)

**Level Floor "Rowlands"** available 12" (12 bars/m) or 15" wide (9 bars/m) for grain or rape in heavy duty or 15" light duty (grain only). (*not shown*)

**Drive Over Laterals** in 2 depths (36mm or 25mm) these heavy duty laterals are either 305 or 380mm wide x 1000mm long. Separate formers are available.

**Multibar** 36" long x 2" wide x 3" deep for level floor LVV in floor stores, used together to give 6" or 8" widths. Formers available.



Multibar and Drive Over Laterals



Model	S900	S1600	S2500
Width	480mm	640mm	810mm
Depth	240mm	320mm	400mm

**CORRADUCTS**

Half round, fully perforated laterals suitable for grain or rape\*, with an effective length of 870mm. Available in sizes S900, S1600 and S2500. Full range of starters, end plates, reducers and fan adaptors available.

\* Potato Corraducts are also available.



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