



# New

## VENTILATION PYRAMID

### 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

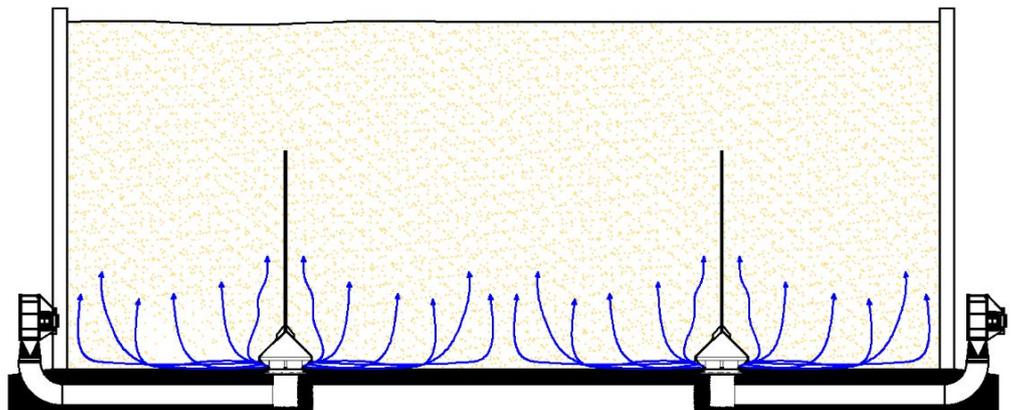
As well as after-sales support, our technical support department has an enviable knowledge of all aspects of grain drying, storage, cleaning and conveying.

#### 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.

### New low cost solution for the ventilation of floor stored grain.

- Low volume ventilation for up to 500 tonnes per unit (dependent on grain depth and spacing).
- Open lateral design means low air resistance and greater efficiency.
- Designed for blowing, giving maximum cooling effect and best air distribution.
- Low profile design for excellent stability.
- Uses standard manhole assembly to give level finish after use.
- Uses standard drainage pipe under concrete.
- Optional galvanised sump chamber available with various spigot sizes.



**Contact BDC to discuss a layout to suit your requirements.**

## DRYING:

- ◆ Svegma Continuous Flow or Batch Grain Dryers
- ◆ Drying Silos

## HANDLING:

- ◆ Skandia Elevators & Conveyors
- ◆ Silo Discharge Systems

## STORAGE:

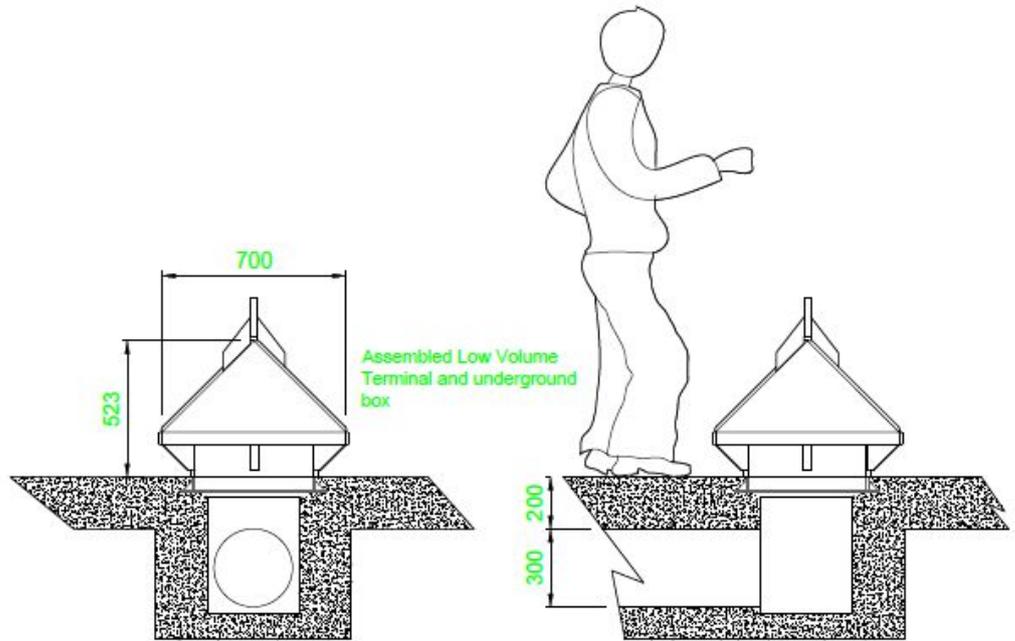
- ◆ Hopper Bottom Square Silos
- ◆ Lorry Loading Silos
- ◆ Round Silos
- ◆ Square Silos

## VENTILATION

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

## CLEANING

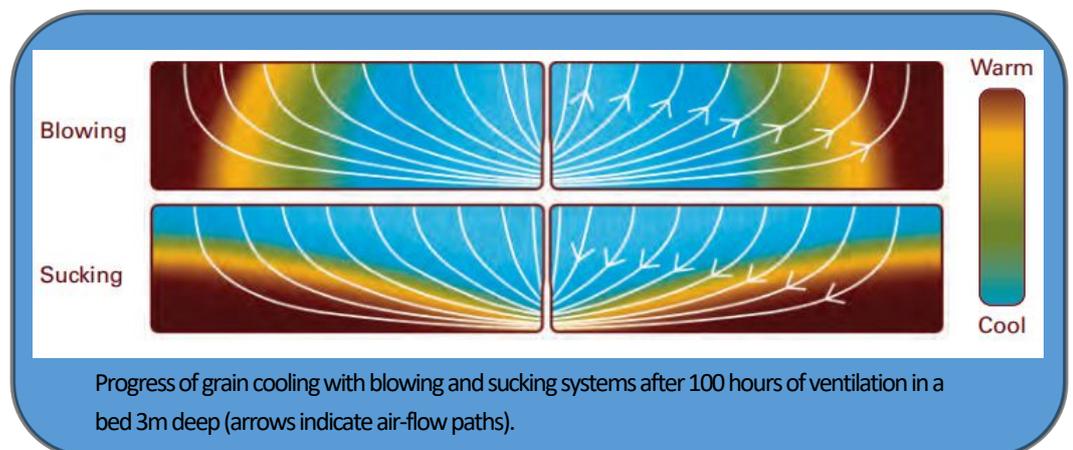
- ◆ Skandia Dust & Chaff
- ◆ Aagaard Pre-Cleaners
- ◆ Zanin Cleaners
- ◆ Denis Cleaners
- ◆ President Cleaners



### Upwards versus downward aeration

Blowing air up through grain is preferable to sucking air down because:

- ⇒ Blowing improves air distribution.
- ⇒ 'Problems' rise to the surface.
- ⇒ Fan heating reduces relative humidity of blown air.
- ⇒ Warm, damp air is flushed from the building.
- ⇒ Cooling can start as soon as ducts are covered.



Source: HGCA Grain Storage Guide for Cereals and Oil Seeds.

**The Ultimate  
in Grain Care**

### BDC Systems Ltd

Grafton Road, Burbage, Marlborough, Wiltshire SN8 3BA  
 Tel: +44 (0) 1672 810851 Email: sales@bdcsystems.com  
 www.bdcsystems.com