

AERATION SYSTEMS

For fresh air circulation in the grain store.



AERATION LANCES

For spot aeration of grain and other bulk materials.

THE APPLICATION AREAS OF THE AERATION LANCES ARE VERSATILE.

They can be used both in flat storage facilities and for aerating grain on a trailer. The unit consists of a perforated tube, a handle, and a 1.45 kW fan. After the tube is screwed into the bulk material, the fan is simply mounted onto the tube using a clamping collar.

With this system, air can be blown into the grain as well as extracted from it.



TECHNICAL DATA

-  Air flow rate (with a tube Ø of 125 mm): 1,800 m³/h
-  Fan: 1.45 kW
-  Max. radius per lance: 4 m
-  Easy handling
-  Flexible application
-  Low investment and operating costs



COLUMN AERATION

Effective. Flexible. Cost-efficient.

A VERY ROBUST, COST-EFFECTIVE, EASY-TO-HANDLE AND FLEXIBLE AERATION SYSTEM

With the CanAGRO column aeration system, perforated base cones are placed in the grain store before filling, without the need for structural modifications or costly adaptations. The columns are then extended to the required filling height using KG pipes. The columns are installed at intervals of 4–5 m. For aeration, compact 2.2 kW fans are mounted onto the columns as required.

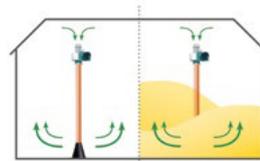
The system also allows partial areas and smaller storage rooms to be aerated efficiently. You decide whether the air is blown into the grain bulk or extracted from it.

Our customers appreciate that the visible columns prevent follow-up costs caused by damage during unloading, which often occur with floor-laid aeration ducts or drainage pipes.

The system can be flexibly expanded as required and is compatible with the fan units of aeration lances already in use by farmers.

TECHNISCHE DATEN

-  Air flow rate: 1,800 m³/h – 2,200 m³/h
-  Bulk height: up to 6 m
-  Low investment and operating costs
-  Easy installation



Also available in taller versions for aerating grain stores with bulk heights of up to 6 m.



TELESCOPIC AERATION PIPE

Simple and effective.

AERATION USING TELESCOPIC PIPES IS ALSO SUITABLE FOR RAPESEED.

Laying the pipes on the hall floor is easy thanks to a rear rope eye.

TECHNICAL DATA

- ≡ Length: 4 to 20 m (up to 30 m on request)
- ≡ Max. bulk height: 5 m
- ≡ Fan connection: Ø 300 mm
- ≡ Air outlet area: 22%
- ≡ Hole diameter: 1.5 mm
- ≡ Recommended air volume: approx. 15 m³/h per m³ of grain



Version	2 pcs	3 pcs	4 pcs	5 pcs	6 pcs	7 pcs	8 pcs	9 pcs	10 pcs
max. Length (m)	3,92	5,84	7,76	9,68	11,60	13,52	15,44	17,36	19,28
min. Length (m)	2,04	2,08	2,12	2,16	2,20	2,24	2,28	2,32	2,36
Weight (kg)	42	60	75	90	103	117	129	140	150

Bulk height (m)	2,00	2,50	3,00	3,50	4,00	4,50	5,00
Pipe spacing (m)	2,00	2,25	2,50	2,75	3,00	3,25	3,50

UNDERFLOOR AERATION

Proper storage of grain, rapeseed, or grass seed.

ENABLES AERATION OF THE STORE WITH VERY HIGH AIR VOLUMES.

Underfloor aeration is also suitable for rapeseed and grass seed. The system is manufactured from galvanised steel sheet and is designed for embedding in concrete.

TECHNICAL DATA

- ≡ Width: 300 mm
- ≡ Installation length of the covers: 0.5 m, 1 m
- ≡ Air ducts as permanent formwork made from 1.5 mm steel sheet



PERMANENT STEEL FORMWORK FOR EMBEDDING IN CONCRETE

- ≡ Length: 0.5 m, 1 m, 2 m
- ≡ Galvanised steel sheet, thickness 1.5 mm
- ≡ Fittings for air ducts in L, Y, T and double-T configurations

OPERFORATED COVER PLATE FOR PERMANENT FORMWORK

- ≡ Drivable with a max. wheel load of 7 t
- ≡ Compatible with slotted cover plates
- ≡ No raised edge on the top surface
- ≡ Air outlet area: approx. 22%



SLOTTED COVER PLATE FOR PERMANENT FORMWORK

- ≡ Drivable with a max. wheel load of 7 t
- ≡ Compatible with perforated cover plates
- ≡ Luftaustrittsfläche: ca. 11%



SEMI-CIRCULAR AIR DUCTS

For aeration and cooling.

A SIMPLE AND FLEXIBLE SOLUTION FOR AERATION AND COOLING.

Underfloor aeration is suitable, among other applications, for grain and potatoes, as well as for rapeseed and grass seed. The ducts are manufactured from corrugated steel sheet, available in partially or fully perforated versions. The system is made of galvanised steel sheet and is designed for embedding in concrete.

TECHNICAL

- Available in sizes K30 (Ø 48 mm) and K40 (Ø 64 mm) for grain and rapeseed
- Aeration connection: Ø 150 mm, Ø 300 mm
- Fittings available in L, Y, T and double-T configurations
- Dimensions: 900 mm × 480 mm × 240 mm (L × W × H)
- Perforation: 2 mm (1.5 mm also available for rapeseed)
- Sheet thickness: 0.7 mm
- Version: Galvanised steel



Our expertise.

CanAGRO GmbH offers a complete portfolio for professional and cost-efficient grain aeration. In addition to classic semi-circular air ducts, the product range includes drivable underfloor systems for permanent installation, telescopic aeration ducts with fans in all required sizes, as well as the well-established column aeration system, providing comprehensive solutions for modern agricultural operations.

Over 35 YEARS of quality & service – family-owned

Sales Partner:

CanAGRO GmbH

Registered Office: Emleben
Schwabhäuser Straße 1 · 99869 Emleben
Phone: 03621 514470 · Fax: 03621 5144722

Registered Office: Wiesbaden
Riedhof · 65207 Wiesbaden
Phone: 06122 2262
Fax: 06122 13200
Mail: info@canagro.de

www.canagro.de

**BULKGRAIN
CONVEYING
CLEANING
AERATING**