



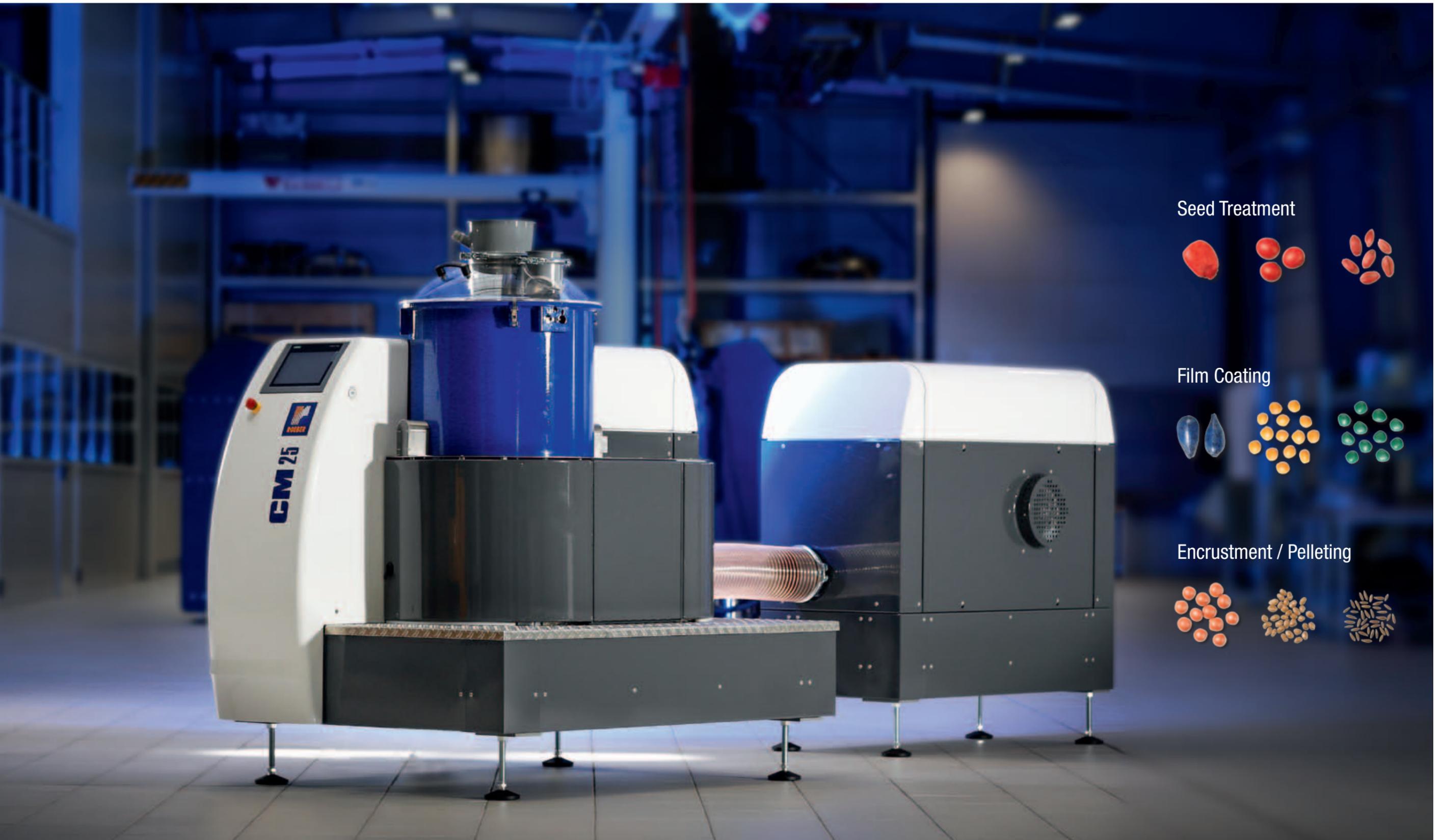
Coating. Protect your Seed.

MultiCoater CM Series



**Strong Seed.
Healthy Grain.
PETKUS.**

The All in One Concept



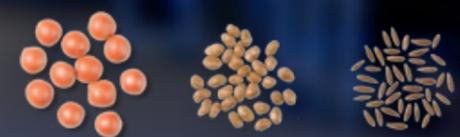
Seed Treatment



Film Coating



Encrustment / Pelleting



Working principle

Coating and Drying in One Single Cycle

Unique air management with sophisticated air cushion technology is the key feature of the MultiCoater CM Series. Hence, results of seed treatment, film coating, encrustment and pelleting are significantly improved.

Air cushioning considerably reduces friction and thus, stress on seeds. Very gentle treatment ensures lower dust emission according to international standards for certified seeds (e.g. Heubach).

MultiCoater air management ensures:

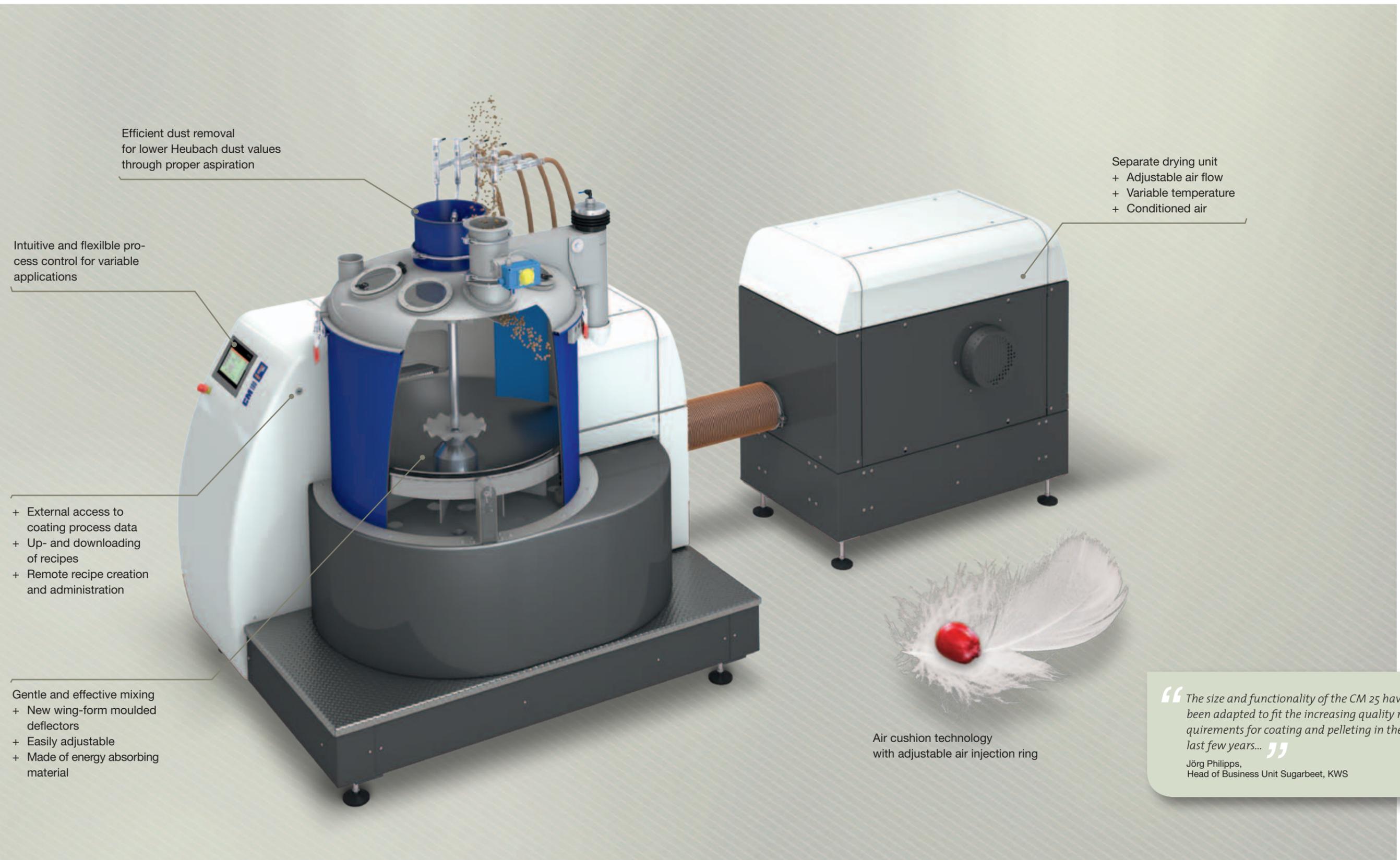
- + Efficient drying of applied chemicals on seed surface
- + Improved surface adhesion of coating materials which reduces impact on the environment due to abrasion
- + Significantly improved visual appearance of treated seeds
- + That coated seeds do not require an additional dryer

Working principle:

- + Air enters the coater through an adjustable air injection ring between rotor and stator
- + Air flow is adjustable in each process step
- + Air stream enhances the mixing process by ensuring optimum movement of seeds
- + Air flow dries the seeds immediately after application and mixing



Gentle Seed Coating in New Dimensions



Efficient dust removal
for lower Heubach dust values
through proper aspiration

Separate drying unit
+ Adjustable air flow
+ Variable temperature
+ Conditioned air

Intuitive and flexible pro-
cess control for variable
applications

- + External access to
coating process data
- + Up- and downloading
of recipes
- + Remote recipe creation
and administration

- Gentle and effective mixing
- + New wing-form moulded
deflectors
 - + Easily adjustable
 - + Made of energy absorbing
material

Air cushion technology
with adjustable air injection ring

“ The size and functionality of the CM 25 have
been adapted to fit the increasing quality re-
quirements for coating and pelleting in the
last few years... ”

Jörg Philipps,
Head of Business Unit Sugarbeet, KWS



Dosing

Magnetic-inductive flow meter

- + Closed system
- + Easy to clean
- + Minimizes risk of cross contamination
- + Compact Installation

Loss-in-weight

- + Extreme precise measurement
- + Easy to calibrate
- + Suitable for all types of liquids

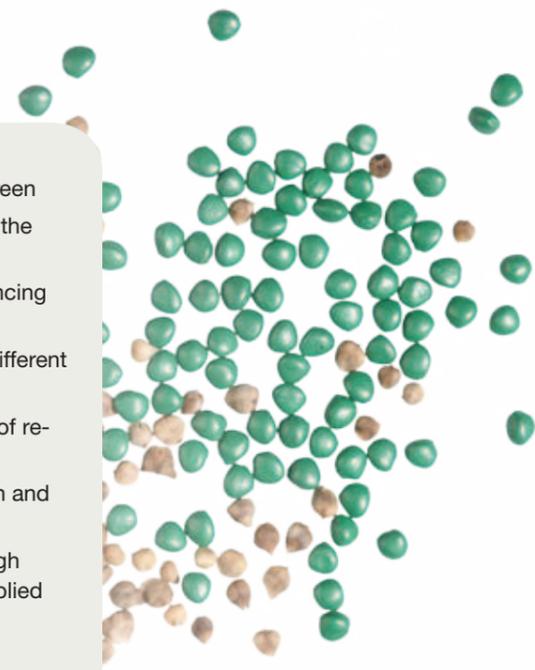
Powder Dosing

- + Loss-in-weight principle for dosing as standard
- + Very simple to calibrate
- + Immediate detection of blockage or lack of product
- + Wide range of application rates
- + Application in sequential series

Process setting / Recipes



- + 9" full colour touch screen
- + Intuitive adjustment of the entire process
- + Full flexibility in sequencing of process steps
- + Storage of up to 500 different recipes
- + Up- and downloading of recipes with USB-Stick
- + Remote recipe creation and administration
- + Easy traceability through data records of the applied liquids and powders



Operation / Maintenance

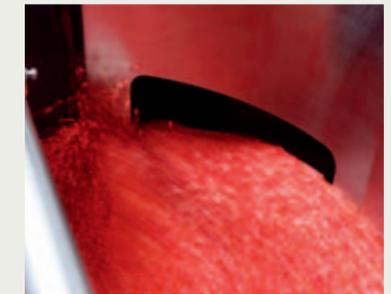


Full Access

Process observations



Smooth movement



Air cleaning systems for the chemical pipes



Easy to clean

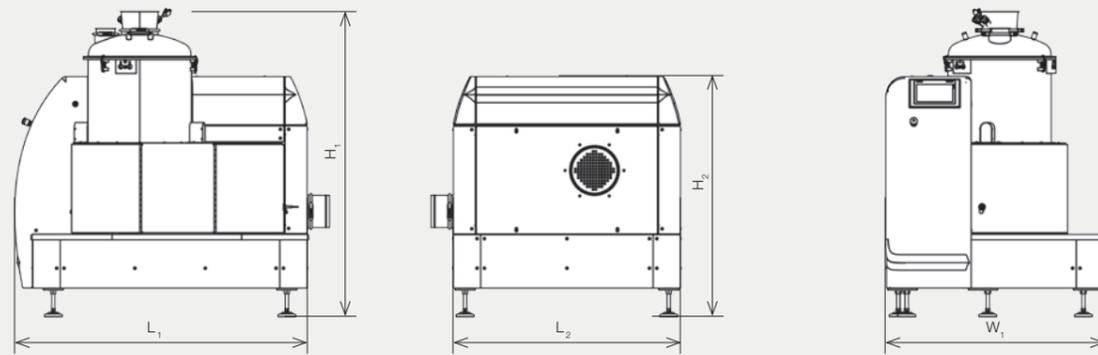


“ This coating line project was a prime example of how to improve our seed coating quality and efficiency by closely cooperating with the technology provider and to profit from each other's experience. ”

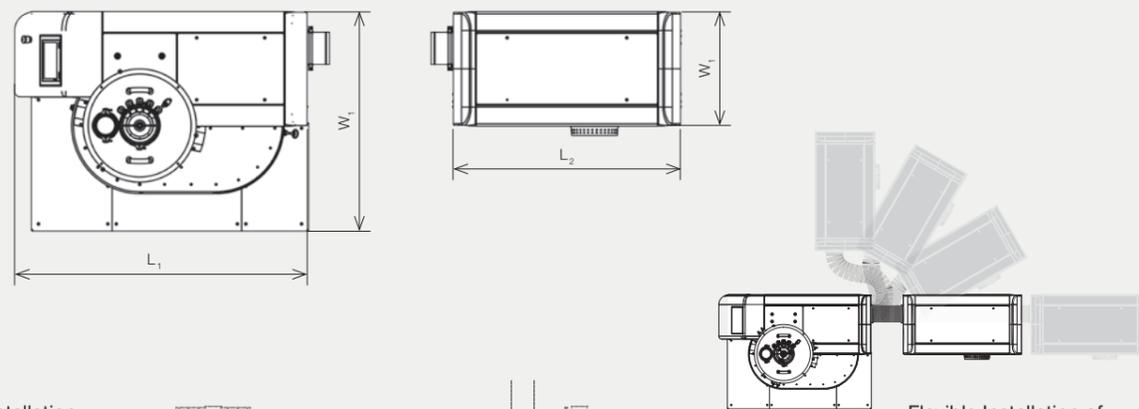
Jos van der Wielen,
Managing Director of Barenbrug Holland

Technical Data and Capacities

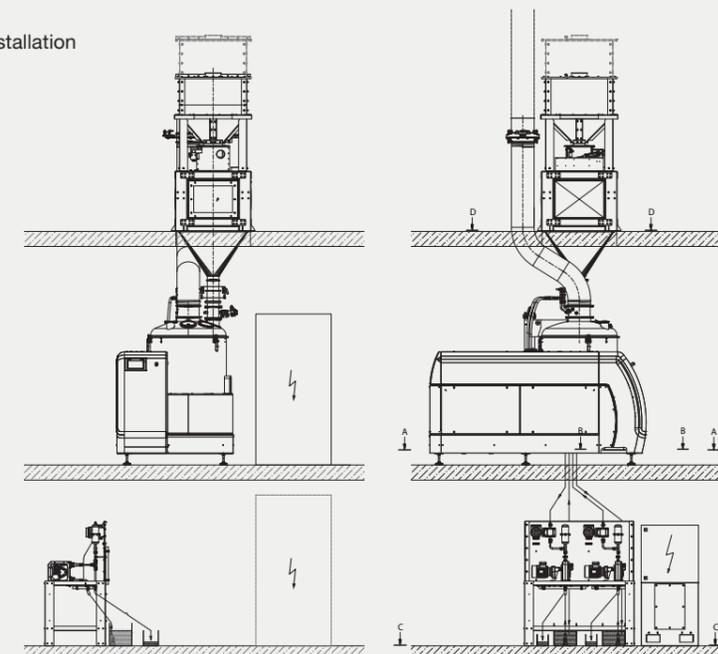
Front View



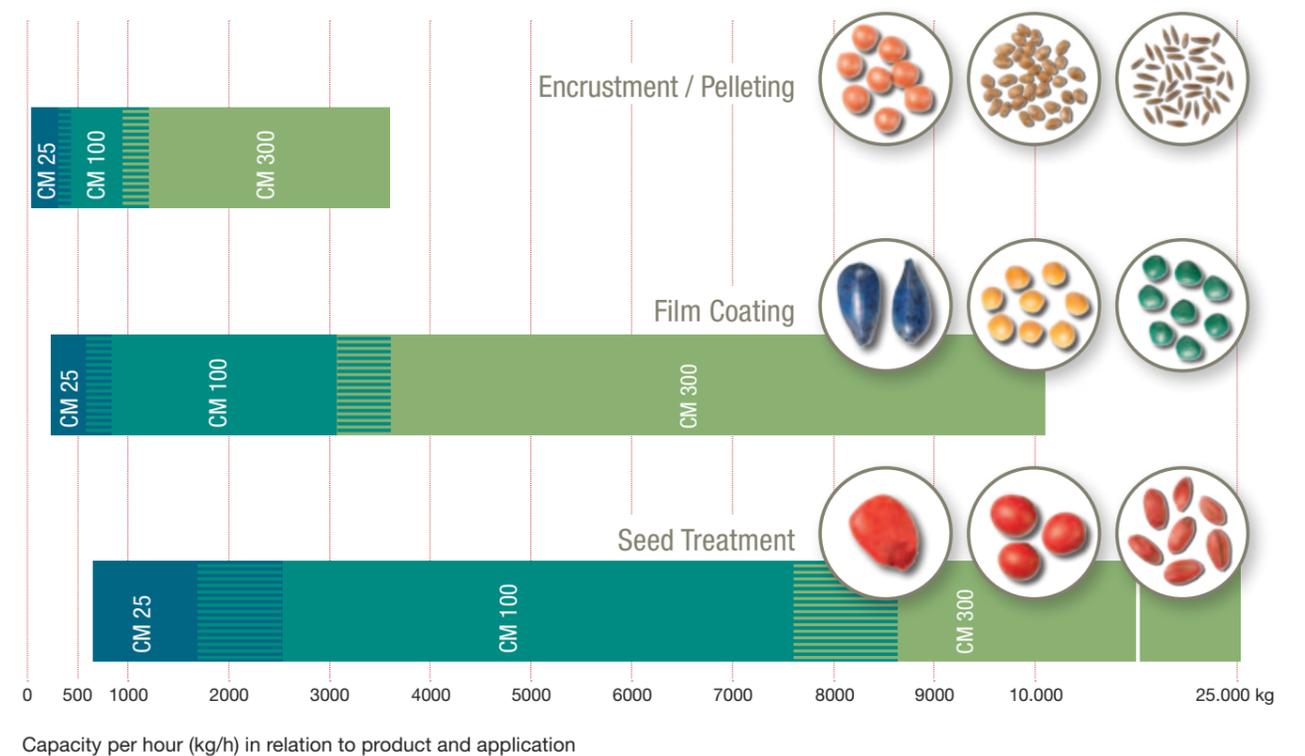
Top View



Installation



		CM 25	CM 100	CM 300	
Basis					
Lenght	L_1	mm	1582	2050	3160
Width	W_1	mm	1184	1550	3130
Height	H_1	mm	1658	2020	2500
Weight		kg	850	1600	3000
Drying Unit					
Lenght	L_2	mm	1238	1700	2000
Width	W_2	mm	617	1030	1820
Height	H_2	mm	1305	1500	1820
Weight		kg	350	500	800
Air Volume		m^3/h	up to 3500	up to 8000	up to 15000
Energy consumption					
Energy consumption		kW/h	9	19	38
Batch size					
Batch size		l	25	100	300
Diameter					
Diameter		mm	550	1000	1500
Liquid dosing unit					
Liquid dosing unit		pcs.		up to 8	
Powder dosing unit					
Powder dosing unit		pcs.		up to 4	
Recipe					
Recipe				500	
Performance					
Performance		t/h	up to 1,8	up to 8,5	up to 25





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PETKUS Service



Comissioning
Training
Recipe Development
Smart Service / Remote Service
After Sales Service

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Healthy Grain.
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