



MOBILE CONTINUOUS MIXED FLOW DRYER UNIVERSAL



drying technology

Individual solutions



Maize



Wheat



Spelt



Sunflower seeds



Soy beans



Rapeseed



Field beans



Oats



Emmer



Buckwheat



Peas



Paddy rice



Millet



Amaranth



Quinoa

These are only examples of products

The mobile continuous mixed flow dryer UNIVERSAL – perfect for small and medium-sized companies

Compact all-in-one system, drying and cooling with heat recovery in one run.


Advantages at a glance

- All main components on one frame
- Customised configuration possible
- Ready for use in the shortest possible time
- Compact, space-saving design
- Delivered ready to plug in, according to the latest VDE standards
- Energy savings by heat recovery
- Minimal installation costs due to pre-installation at the factory
- Simple and safe operation via PLC
- Minimum assembly time
- Storable end product after just one drying run
- High-quality processing as with stationary AgroDry dryers
- Full automation possible



Mobile mobile continuous mixed flow dryer

UNI 12-S




Capacity / day:
approx. 120 t maize
approx. 240 t grain

Connected load:
approx. 26 kW

Heating capacity:
1.163 kW direct

UNI 18-S




Capacity / day:
approx. 180 t maize
approx. 360 t grain

Connected load:
approx. 37 kW

Heating capacity:
1.395 kW direct

UNI 25-S



Capacity / day:
approx. 210 t maize
approx. 420 t grain

Connected load:
approx. 43 kW

Heating capacity:
1.744 kW direct

Further sizes on request!

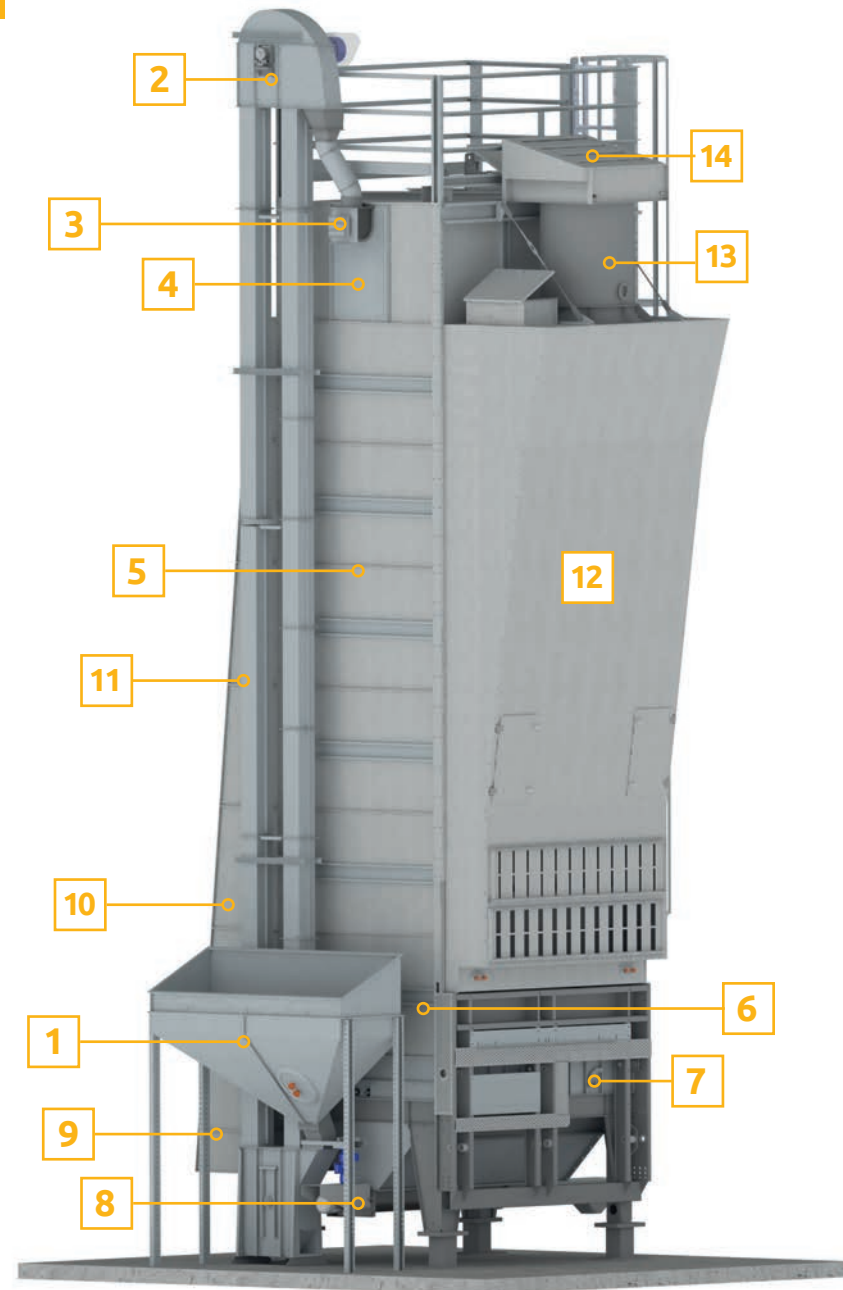
*above drying capacities related to
maize (cleaned, biologically mature wet material, bulk density approx. 750 kg/m³) from 25% to 15% in 24 hours
grain (cleaned, biologically mature wet material, bulk density approx. 780 kg/m³) from 19% to 15% in 24 hours



Functionality

The design of the UNIVERSAL mobile drying system allows all sub-components such as heating, exhaust air technology or automation to be customised. Configure the systems according to your individual requirements!

- 1 = Product feed hopper
- 2 = Wet elevator
(for loading the dryer with wet product)
- 3 = Distribution screw
- 4 = Storage element
- 5 = Drying element
- 6 = Cooling element
- 7 = Pneumatic discharge
- 8 = Discharge screw
(output dried and cooled = storable end product)
- 9 = Hot air generation
(various heating modes possible)
- 10 = Mixing zone (heat recovery)
- 11 = Hot air cap
- 12 = Exhaust air cap
- 13 = Exhaust air fan
- 14 = Dust reduction flap



References worldwide



UNI 25-S



UNI 18-S



UNI 30



UNI 25-S



UNI 18-S



UNI 12-S



UNI 30



UNI 35



UNI 10-S



UNI 12-S

Everything from one single source - Made in Germany

Everything from one single source

From the first concept to the finished dryer, all competences are united at one location.

Specialisation in drying technology

stela has specialised in the complex field of drying technology in order to deliver the optimal solution for your project.

Head start through innovation

State-of-the-art technology and efficient manufacturing processes are the basis of stela's sustainable growth.

Research and development

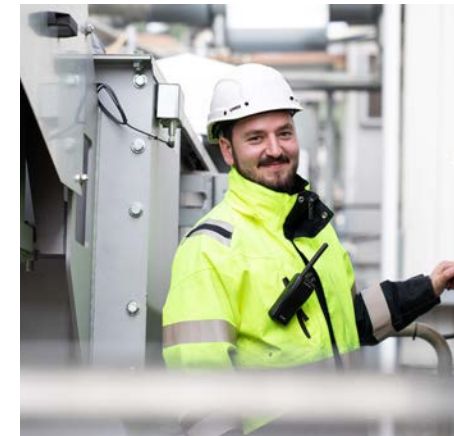
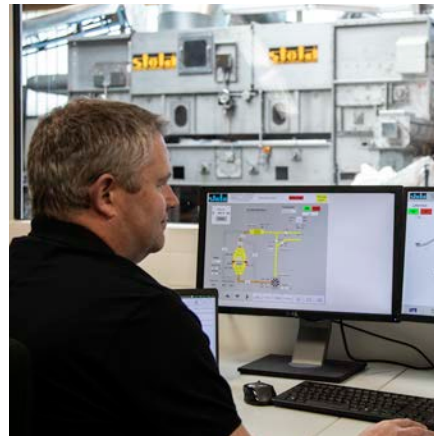
In its in-house R&D lab, stela examines specific product properties for your project and thus determines individual drying curves.

Always at your side

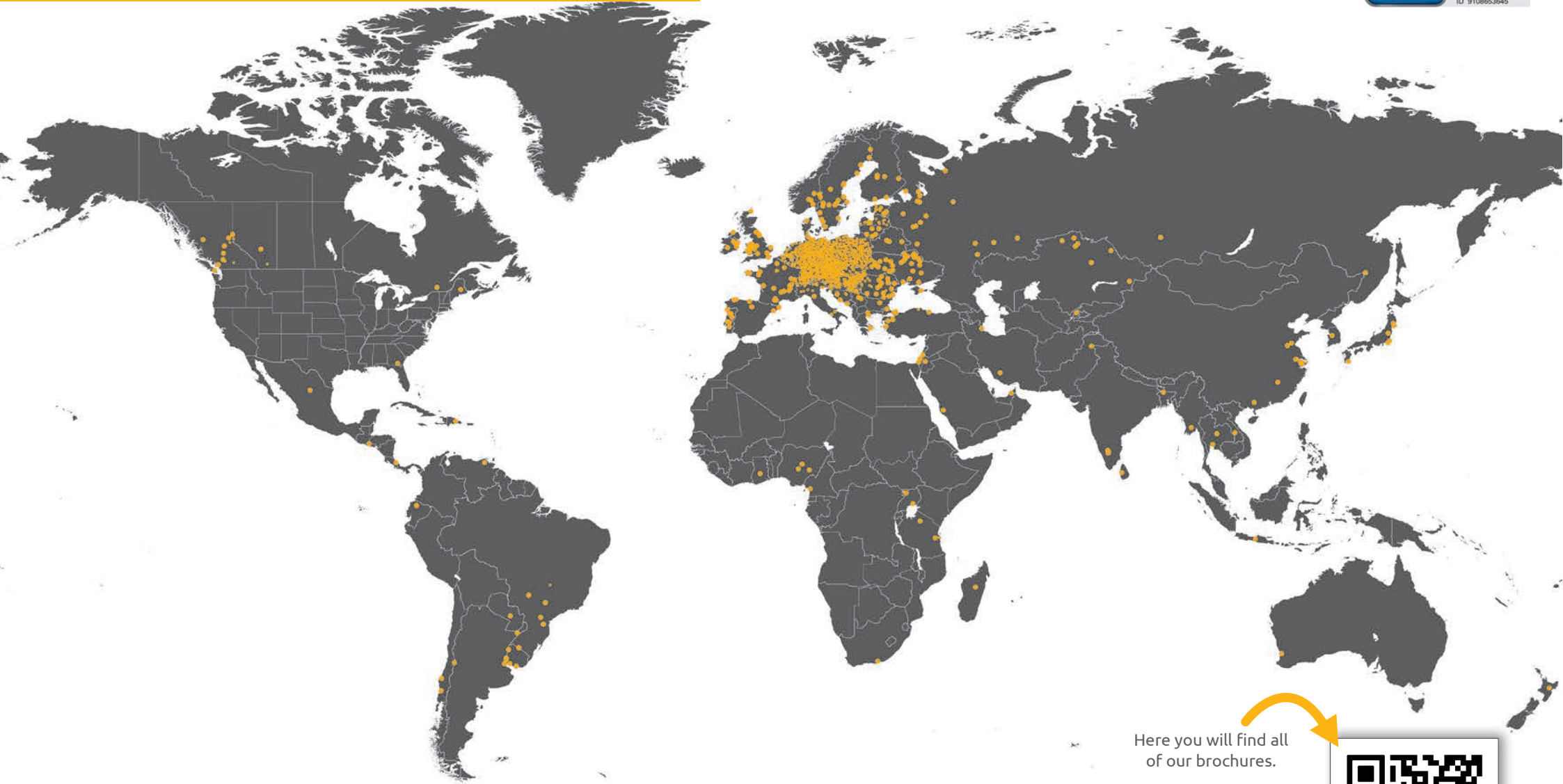
From project idea and installation to commissioning and after sales services, the stela team is always at your side.

In-house production

Our high degree of in-house production of over 90% gives us full control over quality, time and costs. So you can rely on every single part of a stela dryer. At the same time, this allows us to guarantee a fast supply of spare parts.



stela worldwide



Here you will find all
of our brochures.



drying technology

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