

**NEW STANDARD CONCEPT**



**GEA Niro VERSATILE-SD™  
Versatile Spray Dryer for Food (VSD/F)**

Just lower it into place and start running

# PLUG

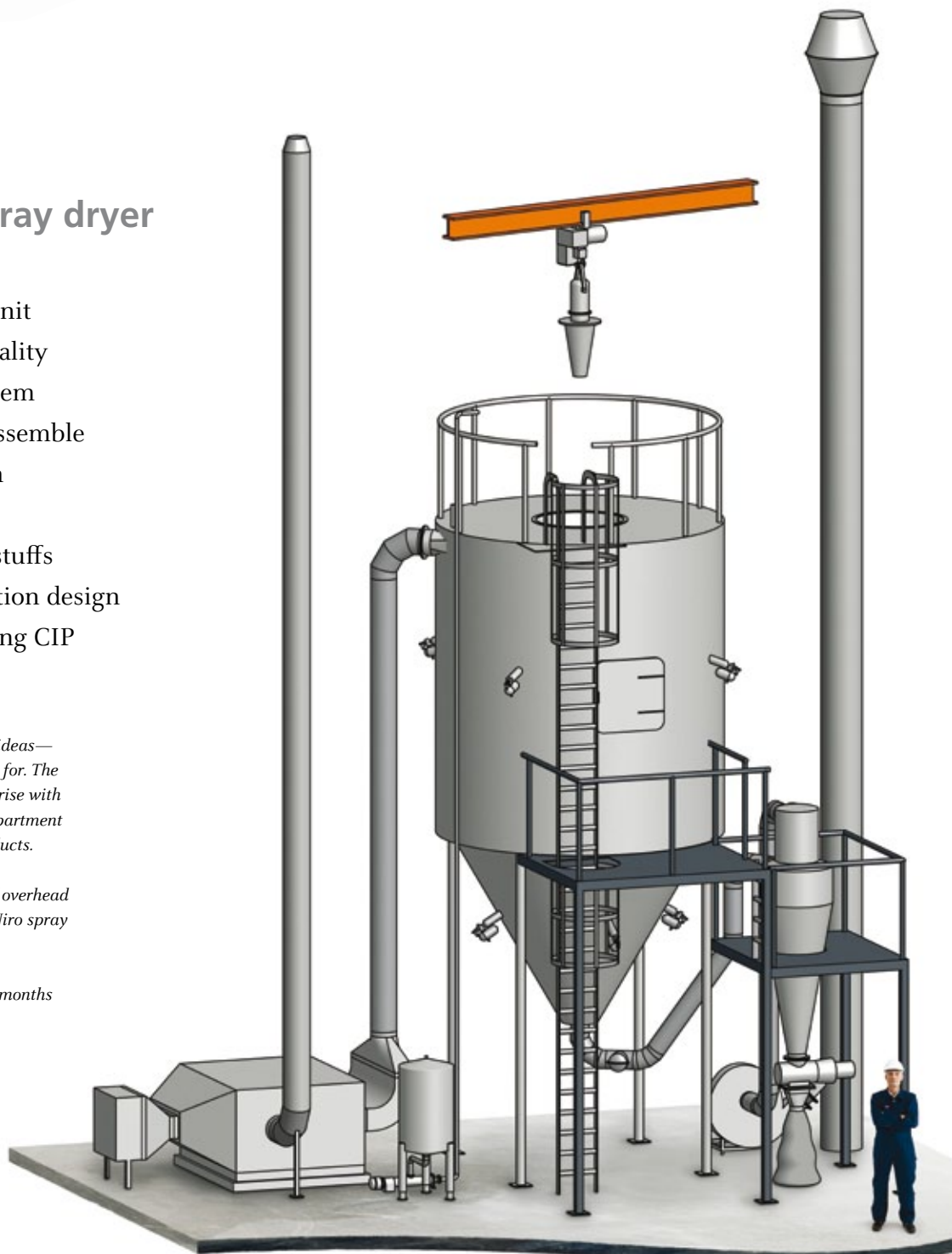
## Insert standard spray dryer

- Compact plug and play unit
- World-class GEA Niro quality
- Modular stand-alone system
- Pre-tested and ready to assemble
- Easy to operate and clean
- Built to EU standards
- Designed to handle foodstuffs
- Powder explosion protection design
- Optional features including CIP

*If you're short of space or time—but not ideas—here's the spray dryer you've been hoping for. The VSD/F is a perfect fit for the small enterprise with a new food concept—or a global R&D department launching limited runs of high-value products.*

*Add a concrete slab, about 8-10 meters of overhead and utilities, and your high-quality GEA Niro spray dryer is up and running.*

*Your VSD/F can be delivered in approx 6 months from ordering date.*



## Rush products to market

At GEA Niro we know a lot about spray drying—including the fact that not every plant needs to be custom built. That's why we've designed a standard unit that can be installed in a fraction of the time—and in a fraction of the space—traditionally required. It's a sensible choice for any company wanting to cut time to market but not quality.

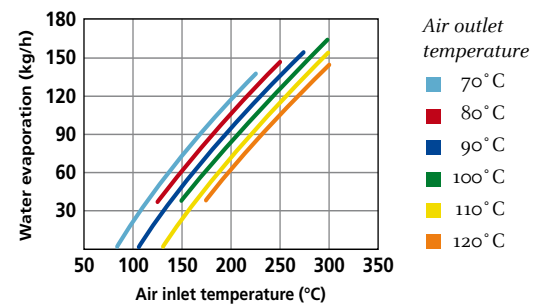
Not only is the VSD/F compact, easy to install and affordable, it's highly versatile. Four configurations and three sizes provide the flexibility needed to produce different foods, flavors and other products, to the scale required. And units can be quickly reconfigured or expanded, thanks to the concept's modularity. Like all GEA Niro plants used in foodstuff applications, the VSD/F is equipped with appropriate hygiene, safety and monitoring features.

All VSD/F configurations include the following: indirect gas heater, rotary atomizer, chamber with swan's neck, and an exhaust system that can be either cyclone only, bag filter only, cyclone plus bag filter, or cyclone plus scrubber.

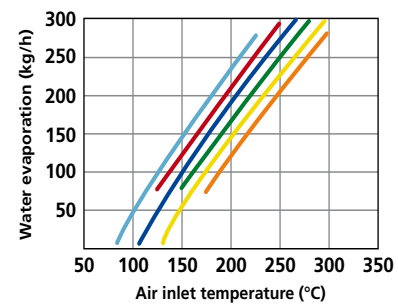
For more information  
please see [www.niro.com](http://www.niro.com)  
or contact us at [foda@niro.dk](mailto:foda@niro.dk)

*Choose the plant  
size that matches  
your marketing and  
production plans.*

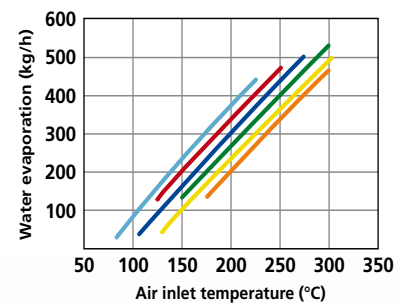
VSD-25 co-current atomization



VSD-50 co-current atomization



VSD-80 co-current atomization



# SPRAY



Excellence

Passion

Integrity

Responsibility

GEA-versity

GEA Group is a global mechanical engineering company with multi-billion euro sales and operations in more than 50 countries. Founded in 1881, the company is one of the largest providers of innovative equipment and process technology. GEA Group is listed in the STOXX Europe 600 Index.



## GEA Process Engineering

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