



**COMBER**

Drying and Filtration Technology



MORE INFO

## TURBODRY® Agitated Vacuum Pan Dryer

### Highlights

COMBER **TURBODRY**® - stands for the highest drying efficiency in the COMBER portfolio. The Turbody® has a pan-like and flat dryer bottom on which the wet cake rests with a uniform layer thickness. Exact this product wetted area is fully heated as well as all product wetted surfaces. In standard configuration the **TURBODRY**® is equipped with a two-armed agitator, fully heatable. The agitator movement is rotating and vertical and can automatically cut into or out of the product to ensure gentle product movement. This also favours the **TURBODRY**® for products which tend being difficult to dry.

- › COMBER core competence is enabling our customers to fully comply to cGMP / FDA and other global regularities. COMBER documentation including all certification is outstanding and in-time with FAT.
- › Calculation, design and manufacture compliant to Pressure Equipment Directive (PED) 2014/68/EU and/or the ASME pressure vessel code, Section VIII, with U-Stamp.
- › Also compliant to ATEX directive 2014/34/EU with an EC Type Examination Certificate INERIS 03 ATEX 0245X or North American NEC/CEC Class/Division marking.



PHARMA



CHEMICAL



FOOD



COSMETICS



ENERGY



working for future *technology*



Agitator detail



Agitator detail



- › COMBER **TURBODRY**® dead space-free design results in excellent cleanability. Dedicated for the production of pharmaceutical intermediates, API's but also for food.
- › Optional the **TURBODRY**® can be placed on a single column. The hydraulically lowerable conical base can be pivoted out and allows ideal access to the unit.



Single column design

- › Openable bottom with conventional C-clamps or bayonet locking system.
- › The mechanical seal is accessible and removable from the exterior.
- › Good discharge characteristics due to narrow agitator to wall/bottom clearances and a unique agitator blade design.
- › Excellent cleanability using CIP systems - for simple validation.



MORE INFO

COMBER Process Technology S.r.l. is a leading supplier of (Nutsche) filters, filter dryers, paddle dryers and pan dryers.

The company is part of the **HEINKEL Drying and Separation Group** with its brands COMBER, BOLZ-SUMMIX, HEINKEL and JONGIA. The Group brings together more than 150 years of experience, reliability and innovative strength in filtration, centrifuge, nutsche, mixer and dryer technology.



MIXING



DRYING



**COMBER**

Drying and Filtration Technology

**COMBER Process Technology S.r.l.**

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