



COMBER

Drying and Filtration Technology



PRESSOFILTRO®

Agitated Nutsche Filter / Filter Dryer
Pharma Design

Highlights

- › Since more than 60 years COMBER manufactures high end machinery often used in the pharmaceutical API producing industries. 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.
- › COMBER **PRESSOFILTRO®** design is dedicated to enable efficient processing and excellent cleanability for economical operation.
- › 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 0246X or North American NEC/CEC Class/Division marking.



PHARMA



CHEMICAL



FOOD



COSMETICS



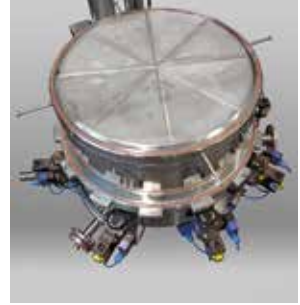
ENERGY



working for future *technology*



3-armed agitator



Heel Break System



Containment

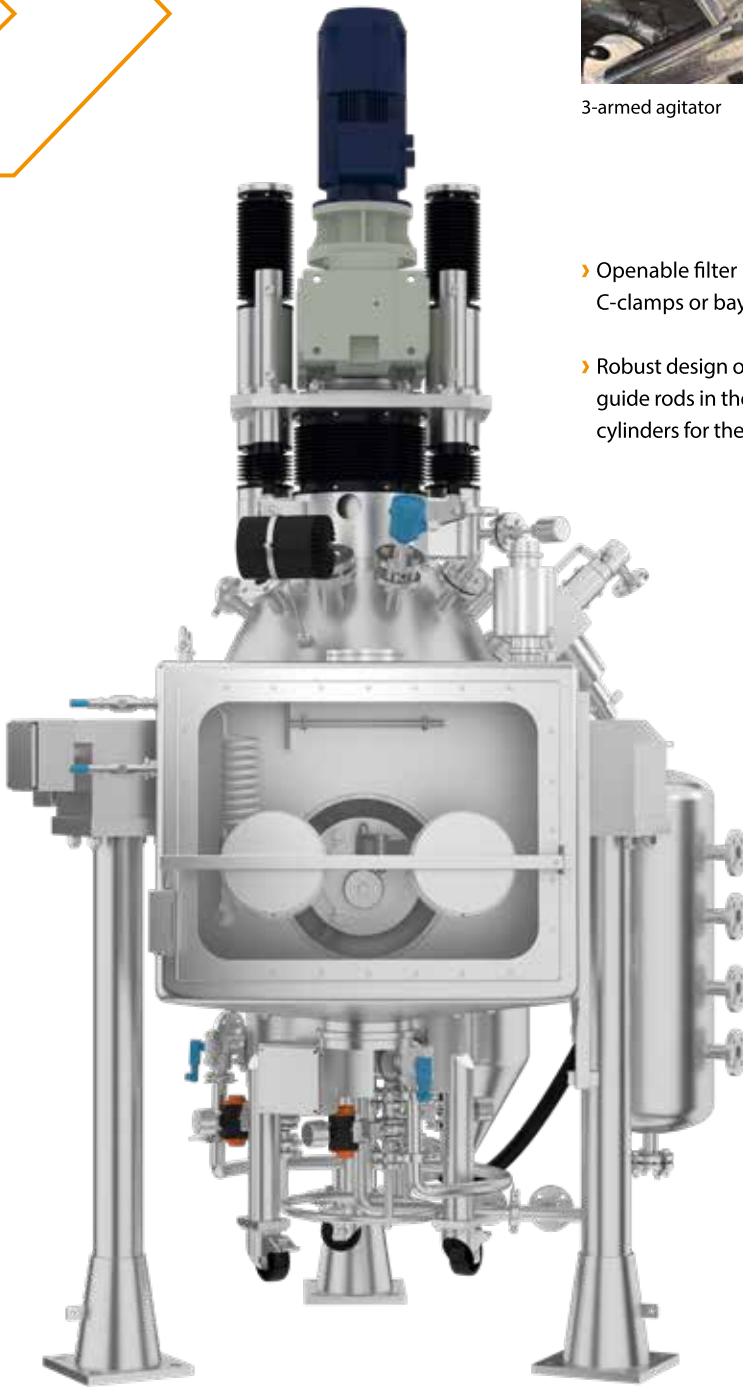
- › Openable filter bottom with conventional C-clamps or bayonet locking system
- › Robust design of the drive; typically with 2 guide rods in the force cross with 2 hydraulic cylinders for the vertical agitator movement

- › Good discharge characteristics due to narrow agitator to wall/bottom clearances and a unique agitator blade design



Steam sterilisable

- › Easily interchangeable filter plates, secured from below the filter bottom
- › Welded multilayer filter versions, with flat, homogeneous, easy to clean and to inspect filter surfaces
- › 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.



FILTRATION



MIXING



DRYING



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