

# FBE 250 X•ONE

Find this information on our website:  
Machinery > Granulation > Fluid beds > FBE X•ONE series

The FBE X•ONE series is our most advanced range of fluid-bed systems. Developed at our Design Centre in Mülheim, Germany, it sets a new benchmark for performance, handling and operational safety. Offering excellent top-spray granulation and drying, it has already optimised the processing of over 1,800 formulations.

FBE 250 X•ONE is suitable for granulation and drying of batches up to 250l.

## Applications

Top-spray granulation, wet-mass drying, hot-melt granulation

Features	Benefits
A 12-bar pressure-shock-resistant system, featuring the Maximum Operator Safety Technology (MOST) concept approved by FSA Germany, and compliant with ATEX (Directive 2014/34/EU)	No mechanical deformation caused by pressure-shock  Production can be resumed in the shortest possible time  Far safer for the environment, thanks to a non-vented, fully contained design
Unique C-flanges	Prevents the transfer of explosion pressure beyond the machine
X•ONE inflatable seals	Safety at low pressure (as low as 4.5 bar)
QASV (Quick Action Stop Valves)	Ensures explosion is contained within 20 milliseconds of detection
ACG's exclusive X•ONE command process control system	Compliant with ATEX (Directive 2014/34/EU), GAMP 5 and 21 CFR Part 11, this advanced technology allows intuitive, secure monitoring and control
Customised charging, discharging and wash-in-place (WIP) systems – available in standalone and granulation-train configurations	Makes processing of granules highly efficient, ensures safety, and reduces changeover times

Technical specifications

		Top-spray granulation/drying
Working volume	Min	75l
	Max	368l