

FBC 500 X•ONE

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Supreme safety with ultimate versatility – that’s what you get with the FBC X•ONE series developed at our Design Centre in Mülheim, Germany. While you can use it for diverse applications, including drying, top-spray granulation and Wurster coating, its cutting-edge design and features don’t compromise process or operator safety. In short, you get the very best outcomes and unbeatable protection.

Drying, top-spray granulation, Wurster coating, rotor-based drug layering or tangential spray processes... the FBC 500 X•ONE does it all, for batches of up to 500l.

Applications

Top-spray granulation, wet-mass drying, hot-melt granulation, tangential spray granulation, Wurster coating



Features	Benefits
The 12-bar pressure shock-resistant system features the Maximum Operator Safety Technology (MOST) concept approved by the FSA 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
Customised charging, discharging and wash-in-place (WIP) systems available in standalone and granulation-train configurations	Makes processing of granules and pellets highly efficient, while ensuring safety and achieving faster changeovers
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
Patented nozzles developed with Düsen-Schlick GmbH, Germany exclusively for ACG	Enhanced productivity, and simplified operation and cleaning

Technical specifications

		Top-spray granulation	Wurster coating	R500
Working volume	Min	135l	40l	45l
	Max	608l	365l	150l