

HSM 2000 X•ONE

Find this information on our website:
Machinery > Granulation > High shear mixers > HSM X•ONE series

An advanced series of high-shear mixer granulators that ensure faster processing and narrow particle-size distribution, while achieving content uniformity in the dry mix. The system is equipped with the ACG X•ONE command process control system and features the unique MOST™ safety concept.

The HSM 2000 X•ONE is designed for large production batches and can be integrated fully into a granulation train or used as a standalone unit.

Applications

Wet granulation, mixing, hot-melt granulation

Features	Benefits
Unique product bowl geometry	Facilitates uniform mixing by maintaining a roping flow regime, and faster process stabilisation due to linear scalability features – ensuring optimum mixing efficiency
Available with a Z-shaped impeller and multi-blade chopper	Superior centrifugal force means significantly fewer dead zones and achieves uniform binder distribution for higher yield and optimal particle-size distribution Significant utility conservation due to the use of a single chopper
A 12-bar pressure shock-resistant system featuring the Maximum Operator Safety Technology (MOST) concept approved by FSA in 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. A far safer working environment, thanks to a non-vented, fully contained design
Multiple systems for charging, discharging and wash-in-place (WIP)	Efficient product handling and easy washing Ensures minimal contents remain in the bowl after discharging which means better yield
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 of the system

Technical specifications

Working volume	Min	600l
	Max	1600l