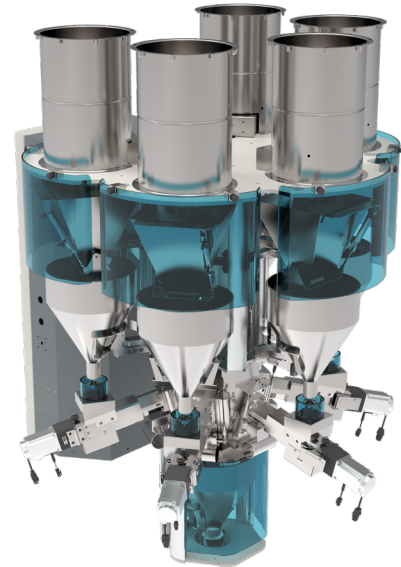




myblend

The "Pure" Loss In Weight Continuous Blender

MYBLEND is a continuous loss in weight gravimetric blender designed to blend multiple components simultaneously for all processes where a homogeneous mix is critical to achieve an excellent final product. Thanks to its unique design it is the only system to offer inline quality control.



PRINCIPLE OF OPERATION

All the ingredients are continuously and simultaneously metered directly in the integrated weighed downcomer hopper through a cascade static mixer. The metered weight is constantly measured in order to detect the level variation guaranteeing a smooth and accurate output control.
Myblend: the only pure gravimetric on the market

MAIN FEATURES

PATENTED CONTINUOUS LOSS IN WEIGHT SYSTEM

MYBLEND is the only pure loss in weight continuous dosing system, during the refill it will never switch to volumetric.

PLC, INDUSTRY 4.0 & IoT

MYBLEND has a PLC with protocol UPC/UA embedded. This solution makes each blender modular and ready for Industry 4.0

CONVEYING SYSTEM

MYBLEND can be supplied along with an integrated centralized conveying system controlled by the same PLC of the blender.

MODULARITY

Additional components can be added in future to allow an easy upgrade to an existing blender.

EXTREMELY LOW %

Thanks to the patented MYBLEND design, the system can dose down to 50 g/h.

GRAVIMETRIC EXTRUSION THROUGHPUT

The feeders are individually controlled resulting on excellent extrusion throughput control accuracy.

FLEXIBILITY

MYBLEND can run up to 100 % on all of its components.

BLENDING

Thanks to its innovative cascade static mixer MYBLEND guarantees the perfect blend.

CLEANING

MYBLEND components have all removable gravimetric hoppers, so blender cleaning and production changeover has never been so fast and easy for an operator.

HT Version

As option MYBLEND can manage hot materials up to 180°C.

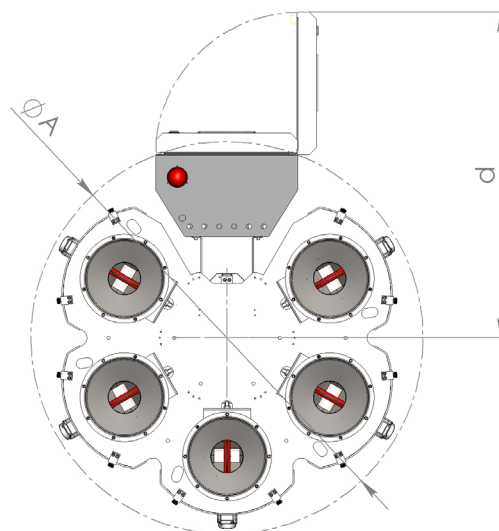
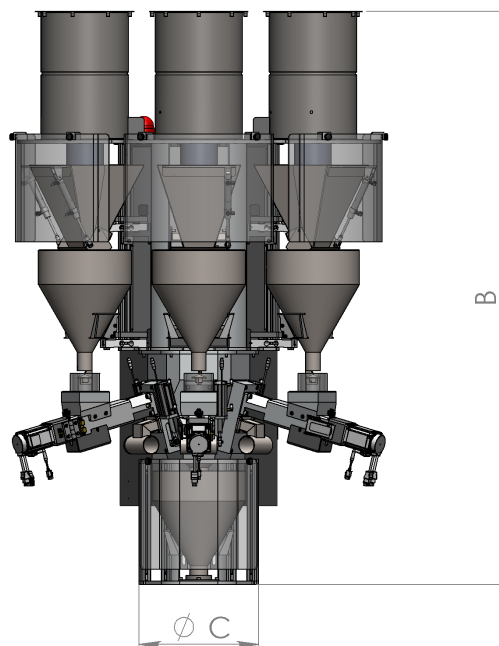
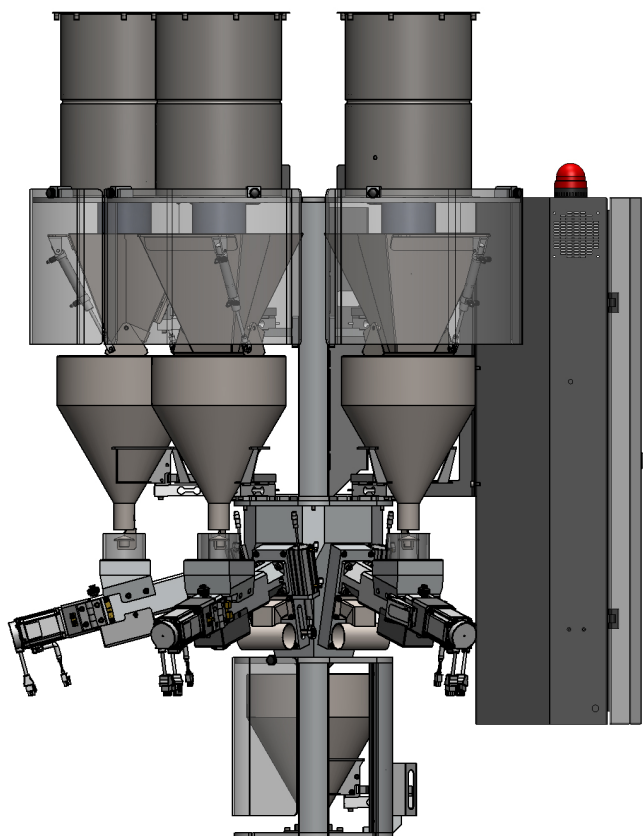
SMARTDRAYN

As option MYBLEND can be equipped with the automatic draining system SMARTDRAYN.

POWDER ADDITIVE

As option MYBLEND can be installed with a twin screw dosing unit allowing it to meter up to 5% powder additives.

TECHNICAL DATA



		XS2	XS3	XS4	XS5	XS6*	S2	S3	S4	S5	S6*	M2	M3	M4	M5	M6*	L2	L3	L4	L5	L6*
Nominal throughput	Kg/h	160					300					560					1000				
Dosing hopper volume	dm ³	6					12					22					40				
Gravimetric batch Volume	dm ³	4					8					15					27				
Power	Kw	1.0	1.4	1.8	2.2	2.6	1.0	1.4	1.8	2.2	2.6	1.7	2.45	2.85	3.25	3.65	2.2	3.2	3.95	4.7	5.45
Weight	Kg	160	180	200	220	240	220	245	270	295	320	270	295	320	345	370	300	330	360	390	420
Dimension A	mm	1160				1350	1160				1350	1460				1650	1760				2000
Dimension B	mm	1570					2020					2250					2620				
Dimension C	mm	330					330					430					530				
Dimension d	mm	1000				1240	1000				1240	1150				1290	1300				1465

*The shape of the machine changes