



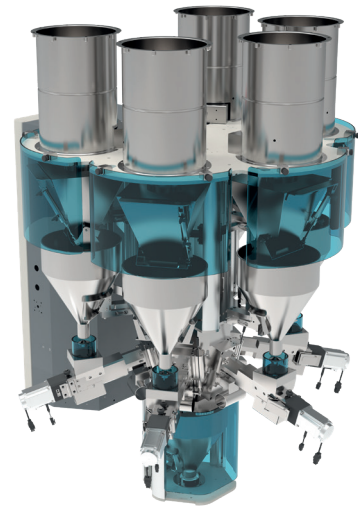
myblend

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 in line quality control device.

PRINCIPLE OF OPERATION

All the ingredients are continuously and simultaneously metered directly in the integrated weighed downcomer collection 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.



MAIN FEATURES

PATENTED continuous loss in weight SYSTEM

MYBLEND is the only pure loss in weight continuous dosing system, during the refill it 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 as the blender.

MODULARITY

In future can add additional components to allow upgrade on to an existing blender.

EXTREMELY LOW %

Thanks to the MYBLEND patented the system can dose down to 50 gr/h.

GRAVIMETRIC EXTRUSION THROUGHPUT

The feeders are individually controlled the result is an excellent extrusion throughput control accuracy.

FLEXIBILITY

MYBLEND can run up to 100 % with all its components.

BLENDING

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

CLEANING

MYBLEND has all the component with removable gravimetric hopper, 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.

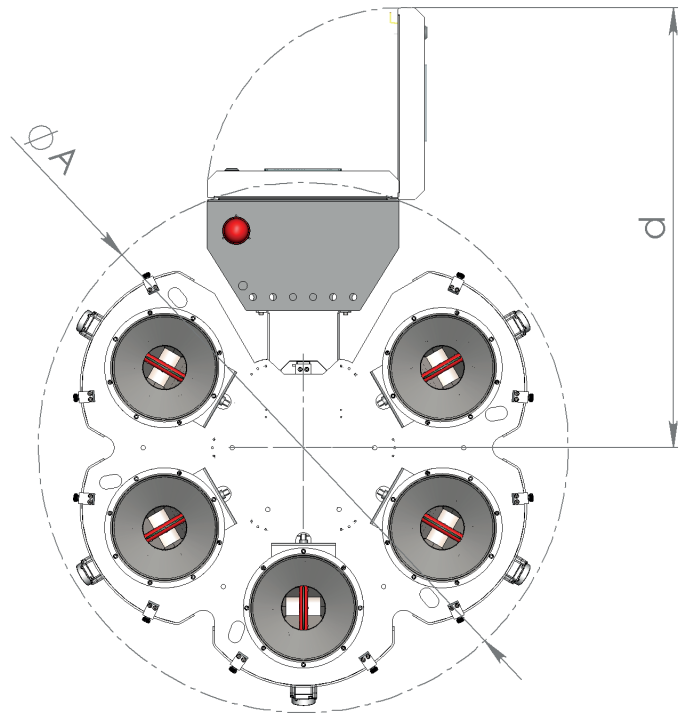
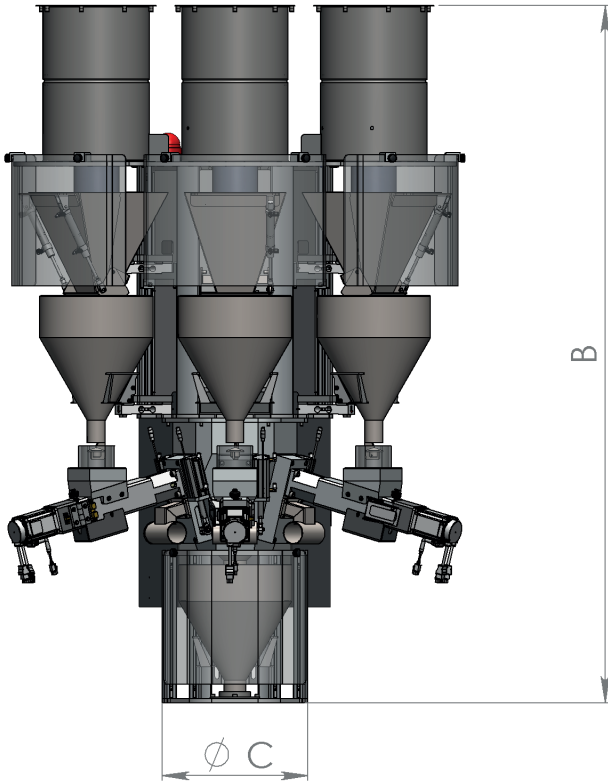
SMARTDRAYN

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

POWDER additive

As option MYBLEND can install twin screw dosing unit allow to meter up to 5% power additive.

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	295	275	255	230	210	400	375	350	325	300	930	865	815	740	700	1390	1301	1224	1122	1046
Dosing hopper volume	dm3	2,5					4					7					12				
Gravimetric batch Volume	dm3	47	34				47	34				72	58				109	94			
Power	Kw	0,9					0,9					0,9					1,13				
Weight	Kg	112	122	132	160	170	132	142	152	180	190	188	200	212	224	236	208	220	232	244	256
Dimension A	mm	1245					1395					1580					1760				
Dimension B	mm	860	926		1095		860	926		1095		920	1030		1312		970	1136		1582	
Dimension C	mm	703					703					902					1092				
Dimension d	mm	600					600					670					730				

*The shape of the machine changes