



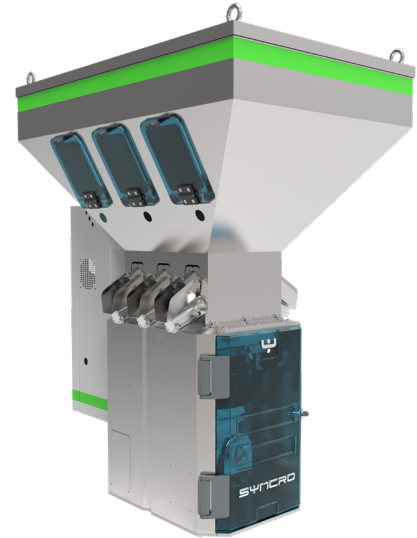
eas**y**batch

The Traditional Gain-In-Weight Batch Blender

EASYBATCH is a traditional gain-in-weight batch blender, designed to dose and blend multiple components in sequence for all processes where constant gravimetric feeding and an homogeneous mix is required.

PRINCIPLE OF OPERATION

Each ingredient is metered in sequence by slide gate valves in to the weighing hopper mounted on two load cells. Once the pre-set batch weight has been reached, the load cell sends a signal and the batch is released into the weighing & mixing chamber which combines the batch and the Loss In Weight technology.



MAIN FEATURES

GRAVIMETRIC EXTRUSION THROUGHPUT

The mixer is mounted on two load cells and measures the LIW, controlling the extrusion throughput with continuous accuracy.

WIDE RANGE OF SETTING

Due to the different dosing ratios each component can be switched in future from low to high dosing rates.

CONVEYING SYSTEM

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

CLEANING

Easy cleaning thanks to the drain spout installed on each hopper plus a compressed air gun is also included.

HMI

The blender can be equipped with a HMI touch screen (5.7" - 7" - 10") onboard or supplied in a separate remoted box.

PLC, INDUSTRY 4.0 & IoT

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

MIXER MOTOR SYNCRO

EASYBATCH uses a three phase motor for its mixer along with a dry gearbox avoiding any possible motor overheating and oil leaking.

MIXER SHAPE

Spherical shaped mixer avoids any residual material hang-up.

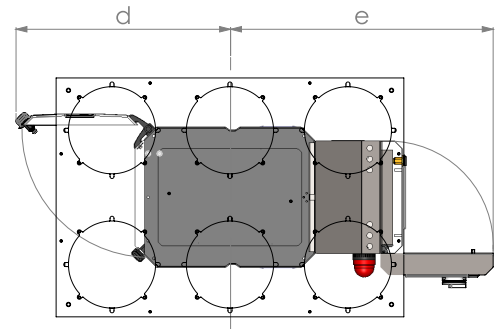
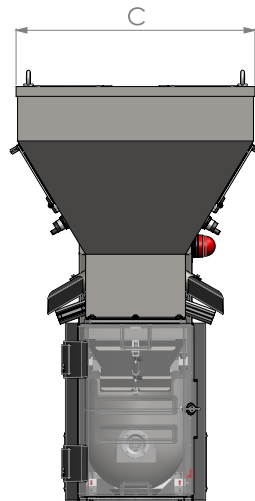
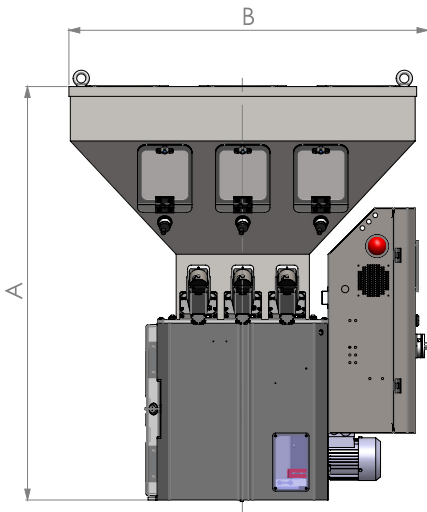
EASY ACCESS FOR MAINTENANCE

The inspection doors, designed to facilitate access to the machine, speed up cleaning and maintenance operations.

MODULARITY



TECHNICAL DATA



		S2	S3	S4	S5	S6	SP2	SP3	SP4	SP5	SP6	M2	M3	M4	M5	M6	L2	L3	L4	L5	L6
Nominal inalth throughput	Kg/h	295	275	255	230	210	400	375	350	325	300	930	865	815	740	700	1390	1300	1220	1120	1045
Max Batch Weight	Kg	2,5					4					7					12				
Gross Volum single compartment	Lt	38	26	25,6			38	26	26,5			68	80	96			85	128	125		
Installed Power	Kw	0,9					0,9					0,9					1,13				
Consumption Power	Kw	0,6					0,6					0,6					0,8				
Consumption Compressed Air (6bar)	Nl/h	85	125	165	205	245	85	125	165	205	245	100	150	200	250	300	100	150	200	250	300
Suitable MAX valve diameter	mm	44					44					60					60				
Suitable hopper loader model	Model	F270					F270					F270 - F370					F270 - F370				
Weight	Kg	106	118	120	148	150	126	138	140	168	170	170	188	190	218	220	200	218	220	248	250
Dimension A	mm	1145					1295					1470					1745				
Dimension B	mm	755	815	1145			755	815	1145			815	895	1268			815	895	1268		
Dimension C	mm	660					660					870					870				
Dimension d	mm	610					610					670					730				
Dimension e	mm	720					720					770					770				