



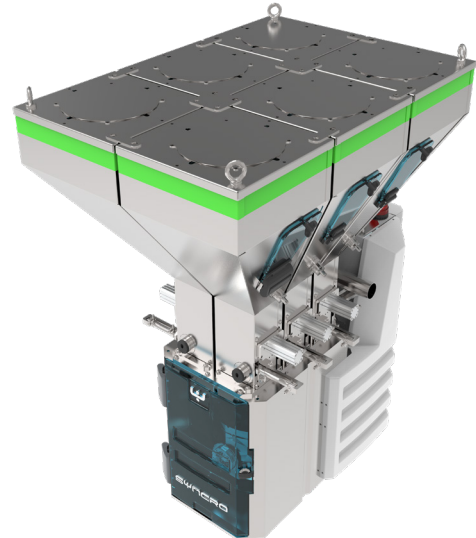
mybatch

The Innovative Gain-In-Weight Batch Blender

MYBATCH is an innovative 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 unloaded into the weighing and 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

MYBATCH 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

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

PLC, INDUSTRY 4.0 & IoT

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

MIXER MOTOR SYNCRO

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

MODULARITY

Thanks to its design MYBATCH can be upgraded in future to allow components to be increased by simply adding the surge hoppers from 2 to 6 components.

EASY MAINTENANCE

Large opening doors facilitate easy access to the machine for cleaning operations. The reliability of the machine makes it virtually "maintenance free".

SMARTDRAYN

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

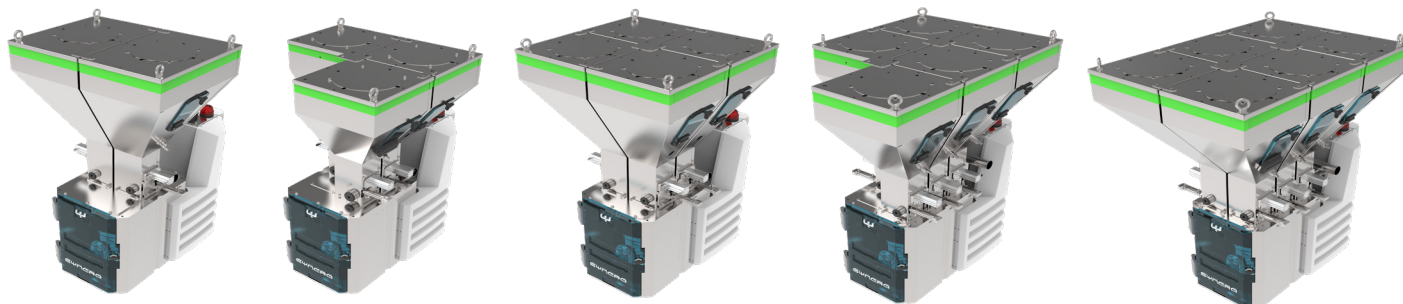
EASYCLEAN

As an option MYBATCH can be equipped with the mixer installed on linear guides for easy access to the mixing chamber along with the possibility of dismantling the mixer shaft for simple cleaning.

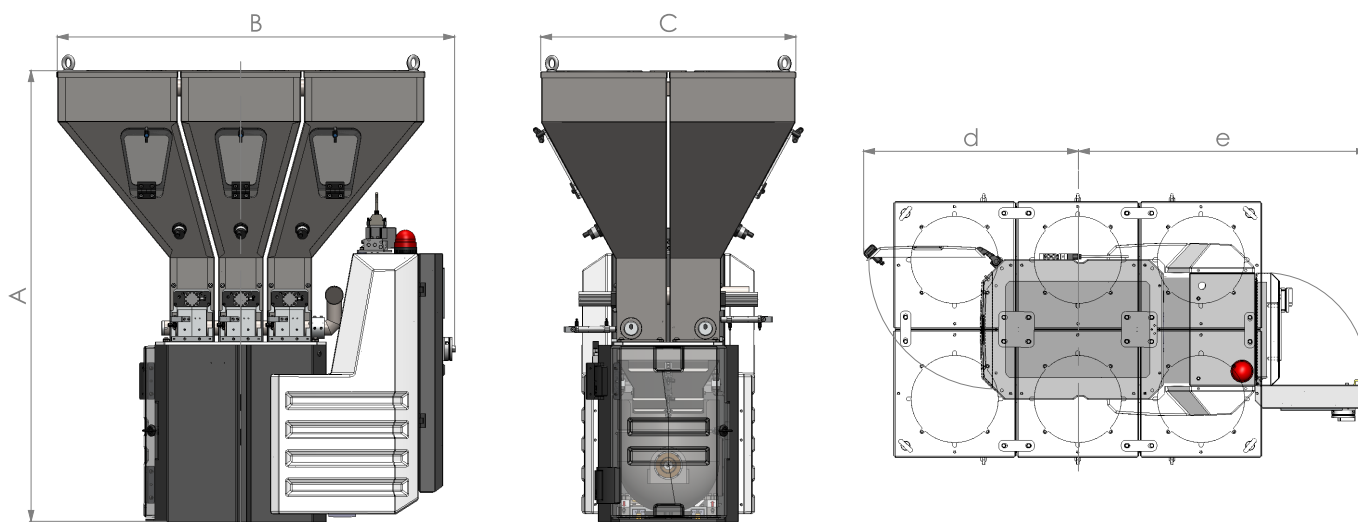
HT Version

Optionally MYBATCH can manage hot materials up to 180°C.

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	1301	1224	1122	1046
Max Batch Weight	Kg	2,5					4					7					12				
Gross Volume single compartment	Lt	47	34				47	34				72	58				109	94			
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-F470				
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				
Dimension e	mm	800					800					900					960				