

GUARDIAN® WXOmega1

Powder Batch Blender



Tailor-made dosing and blending solutions for powder!



WXOmega1

Process Control GmbH produces dosing systems for manifold applications. Highly precise. Energy efficient. Recourses saving. Always matching to the point of customer requests.

In 2019 we proudly introduce our brand-new powder batch dosing system for up to 6 different powders.

The advantage of this new GUARDIAN® batch blender is a perfect mixture of powders by the well-known Process Control accuracy. All that in a sophisticated compact and dust-tight construction. Each of the 6 powder hopper with integrated, matching powder screw and bridge-breaking unit.

The new designed conical weight-hopper with integrated butterfly valve and the special load cell technology is responsible for the highest accuracy of the amount of each single powder, while the 3D powder agitator in our new developed “upturned Omega” mixing chamber creates the perfect homogenization of the blend.

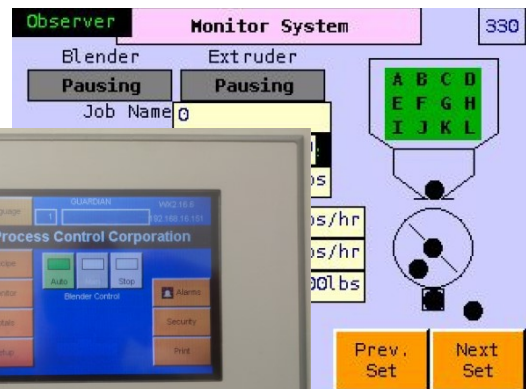
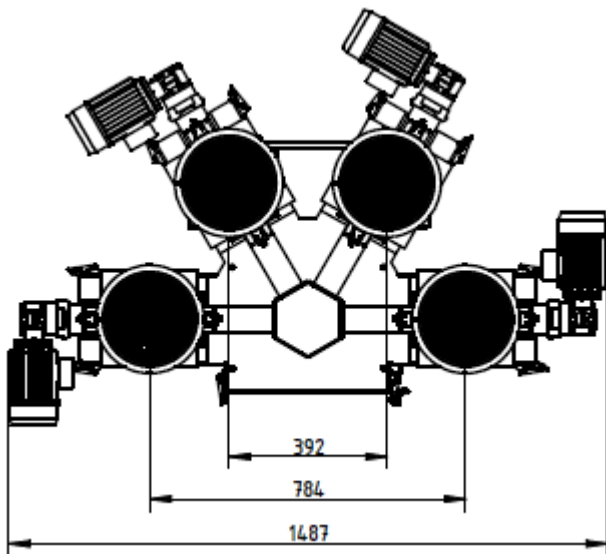
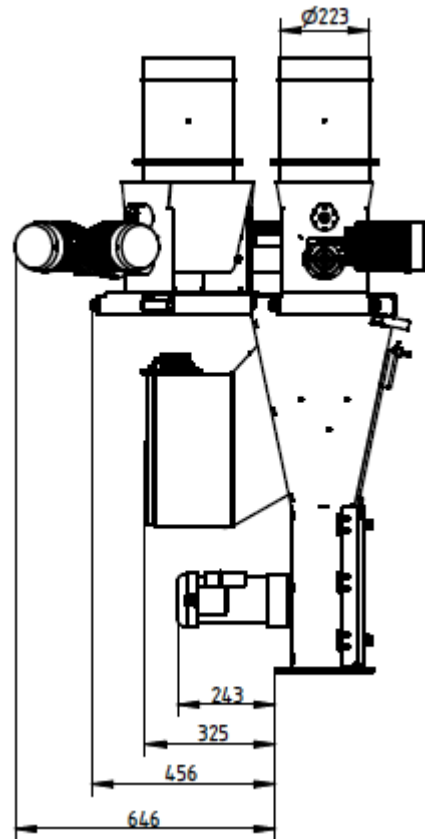
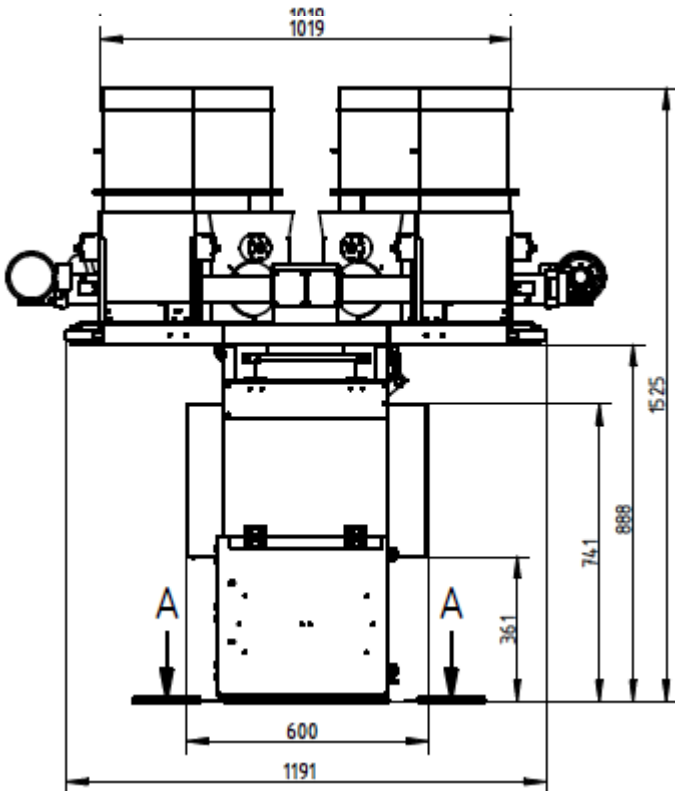
Available for many applications, also e.g. to create a mixture of powders and granulates, or to coat granulate with a powder. Throughputs up to 250kg/h. Higher throughputs with other models.

Completely designed, developed and “Made in Germany”.

All parts in touch with the ingredients are made of 1.4301-stainless steel, to use in various industrial applications.



Guardian® WXOmega1



SPECIFICATION

Throughput: Depends on Size/Model
 Air consumption: less than 20 dm³/h
 Power supply: 230V/1Ph/50/60Hz
 400V/3Ph/50/60Hz

OPTIONS

- Gravimetric Extrusion Control
- Stand with integrated Pickup Box
- Adapterpiece for direct mounting on Extruder Throat
- Touchpanel with 7" or 10" display
- Profibus, Profinet, Modbus OPC, OPC UA-Protocol



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