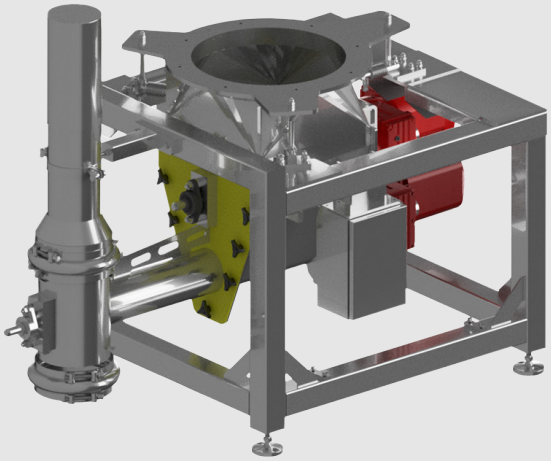


GEA LIW Loss in Weight Feeder

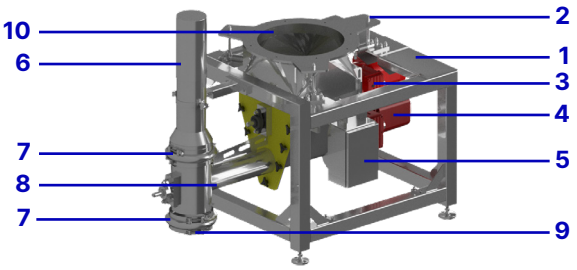
Technical data

The GEA LIW Loss in Weight powder feeder enables either Batch dosing or continuous gravimetric loss in weight dosing.

Features

- Proven developed design
- Full containment for safe operation
- Accurate batching
- Accurate gravimetric dosing
- Supported auger to prevent metal to metal contamination due to auger touching outer casing
- Discharge pressure compensation to minimize load cell fluctuation and improve accuracy
- Built in load cells
- Built in conditioning agitator to prevent bridging and improving density consistency
- Sanitary design
- Easy access for cleaning
- Includes all instrumentation for automatic operation

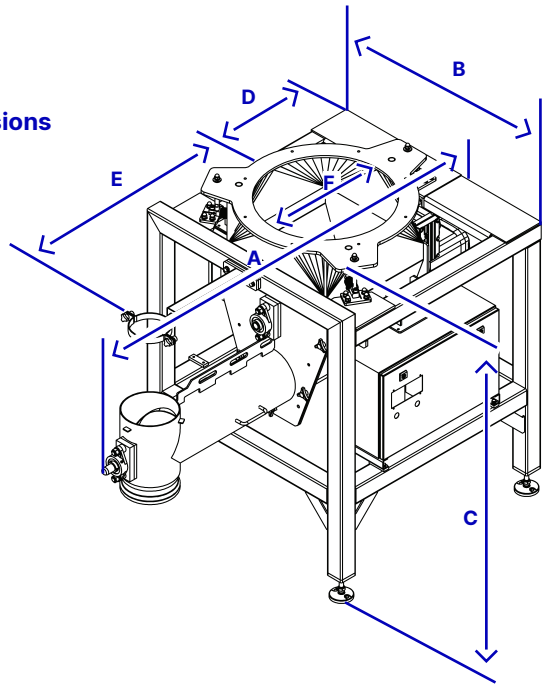
Operating principles and constructional features



1 LIW support frame
2 LIW inlet flange with integral load cell support
3 Conditioner gear head motor
4 Auger gear head motor
5 Load cell junction box
6 Pressure compensator
7 Flexibles
8 Auger assembly
9 Product discharge
10 Product inlet

Process data	
Rate	0.1 to 4 TPH
kW	Based on Configuration
Voltage	3ph 380 to 440 V
Control voltage	24 VDC
Comp air press	6 - 7barg
Comp air flow	10 Nm3/hr
Load cell	Analog
Gear head motor	SEW
Flow accuracy	+/-1%
Weight	Based on configuration
Material construction	EN.1.4301 / AISI 304

Dimensions



A	B	C	D
1,932 mm (76“)	1,000 mm (39“)	1,352 mm (53“)	607 mm (23“)
E	**F**		
900 mm (35“)	530 mm (20“)		

Standard scope of delivery

- Based LIW assembly
- Frame
- Load cells
- Locally wired to junction box
- Flexible connections
- Inlet flange
- Discharge flexible

Options

- Material EN 1.4404 / AISI 316L
- LIW controller
- ViwateQ® surface treatment

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