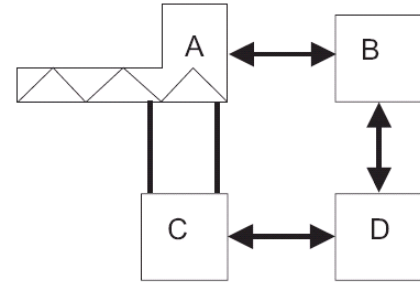


Typical setup for a dosing system with a single screw station.

- A Twin screw dosing station
- B Motor control
- C Load cell
- D Dosing control

Component A is described below.



Brief Description

Application

Gravimetric dosing of easy free-flowing to non free-flowing ingredients including powders, fibers, flakes and pellets.

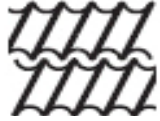


Rugged, modular construction

CT22 modular design allows for flexibility to meet changes in process requirements. All parts coming in contact with material are made of corrosion resistant stainless steel. The built-in agitator constantly keeps the material in motion thus eliminating bridging.

Material changes and cleanings are made quickly and easily allowing for minimal downtime of the customers' process. The synchronized gears and drive motors are maintenance free.



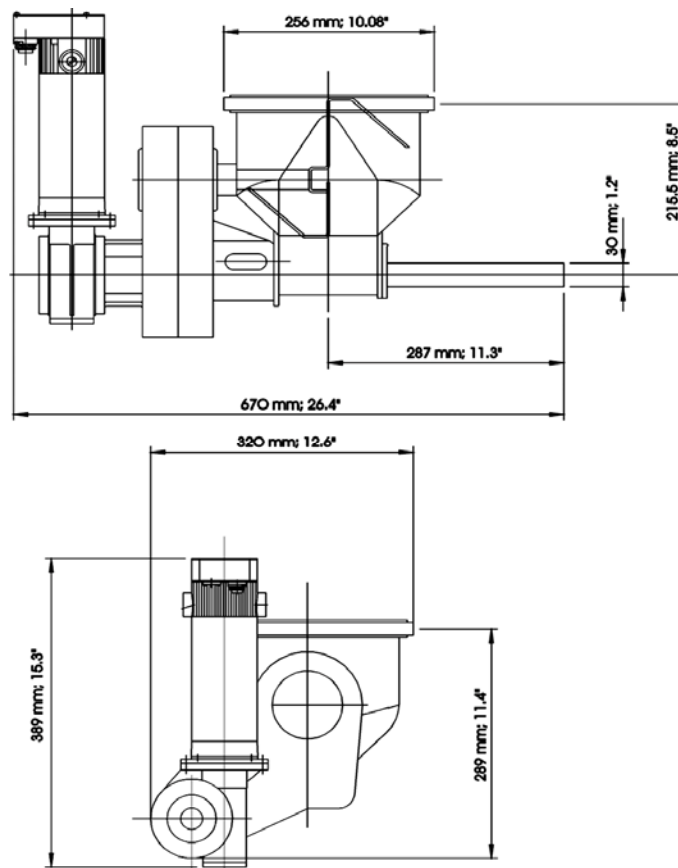
Performance

		C 	F 	S 
		Twin concave Profile Screw	Twin auger screw	Twin spiral screw
Gear	Speed min ⁻¹	Ø 22x20 l/h	Ø 22x20 l/h	Ø 14x20 l/h
7:1	31-586	8-152	10-193	3-63
15:1	15-273	4-71	5-90	2-29
28:1	8-146	2-38	3-48	1-16
Gear	Speed min ⁻¹	Ø 22x11 l/h	Ø 20x11 l/h	Ø 14x11 l/h
7:1	31-586	2-45	4-68	2-33
15:1	15-273	1-21	2-32	1-15
28:1	8-146	1-11	1-17	0.4-8

The given throughput data refer to approximate values and is based on measurements with PS-reference granule, free flowing, with a bulk density of 0.6 kgs/l. The performance data for other materials may be different and is subject to individual testing.

Technical Information

- Dosing hopper capacity: approx. 0.18 cu. ft. (5 liter)
- Voltage: 240 V DC, PE (ground)
Option 240 V AC, N, PE (ground) 50/60 Hz
- Connection load: 0.38 kW; 0.5 hp
- Protection class: IP 54
- Materials
Parts coming in contact with material:
Corrosion resistant stainless steel
DIN material no. 1.4401, AISI 316
- Seals: FDA or food quality
- Color: RAL 7035



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