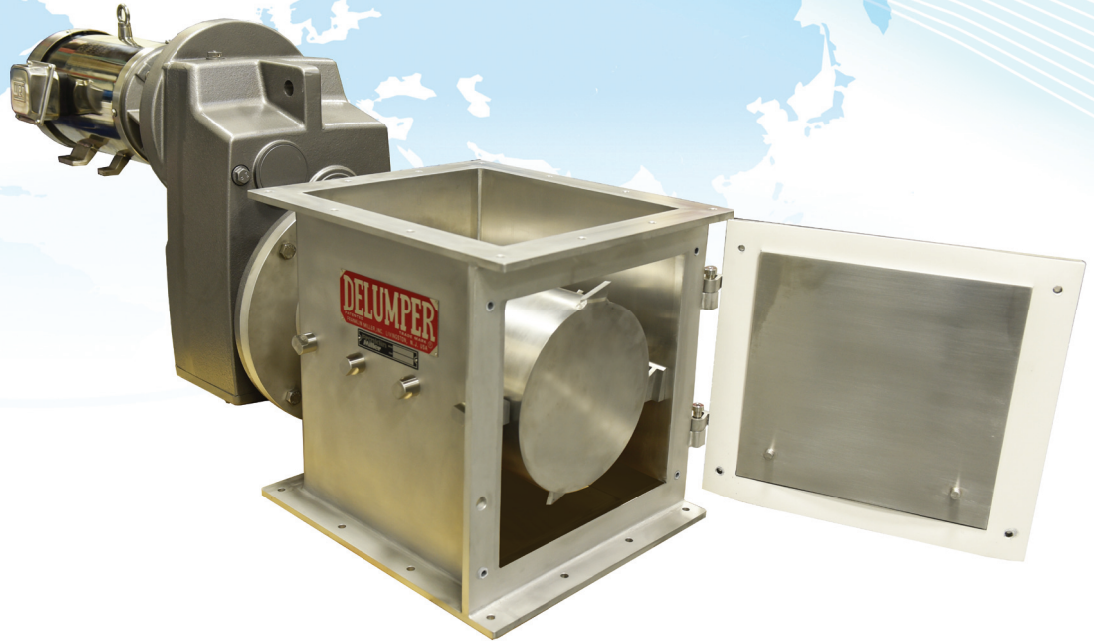


DELUMPER® S4 Series

Ultra-Sanitary Crushers with a Direct Drive

DELUMPER® S4 Sanitary Crushers reduce agglomerates and lumps to a consistent, free-flow consistency to freshen product, optimize quality and improve processing. The S4's unique design features easy interior access for cleaning and maintenance via a convenient side door. This unit is the ideal choice for applications where the utmost in quality and finish, consistent results and a high level of reliability are required.



Precision Sanitary Design | Convenient Side Access Door | Cantilevered Drive Support
Smooth Cylindrical Drum With Teeth | Polished Interiors | Low Profile Design

Construction

Designed and built to meet the highest quality standards, the DELUMPER S4 features a one-piece, stainless steel body with all surfaces and welds meticulously polished. There are no interior crevices where product can accumulate or stagnate. Precision machined and balanced for low vibration and noise, the DELUMPER S4 delivers the utmost in smooth and precise operation.

Design

Standard:

The S4 employs teeth on a rotating drum which pass through sizing combs to precisely reduce product without overwork or excess fines. The entire drum assembly, with the attached teeth, is readily removable out the side for cleaning. All fasteners are located outside the cutting chamber for sanitary purposes. The DELUMPER S4 features a direct gear drive for smooth and quiet operation as well as low maintenance. A Teflon shaft seal protects the bearings and keeps the product within the chamber.



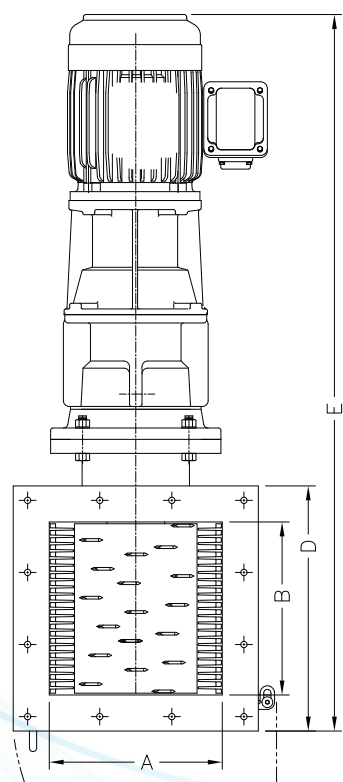
Controls



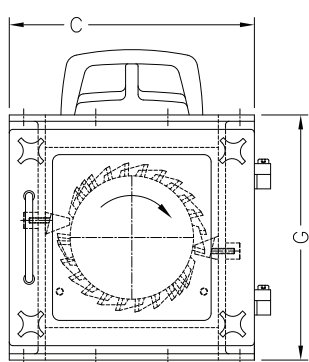
Available control systems include a PLC based automatic reversing controller which features heavy IEC starters, disconnect, a choice of NEMA enclosures, as well as optional variable frequency controls.

Configurations

DELUMPER S4 crushers are provided in 304L or 316L Stainless Steel. A choice of coarse or fine configurations, as well as special cutter designs is available. Special seals and mechanical seals can be provided.



The cutting drum and cleaning combs are secured outside the unit so all fasteners are located outside the chamber. The DELUMPER S4 crusher is provided with a high strength, over-sized helical gear drive shaft for smooth and quiet operation. A belt drive can be provided as an option.



MODEL NO.	INPUT	B	C	D	E	G	TYP HP
	A						
DC1077-S4	12 (305 mm)	12 (305 mm)	17 (432 mm)	17 (432 mm)	52 (1321mm)	17 (432 mm)	5 (3.7 kW)
DC1075-S4	14 (356 mm)	16 (406 mm)	18.25 (464 mm)	20.5 (521 mm)	58 (1473 mm)	19 (483 mm)	10 (7.5 kW)

Other sizes, alloys and configurations are available. Consult factory for certified drawings.



The hinged door provides convenient interior access.

Options

Available options for the DELUMPER S4 include sizing screens, inlet feeders, inlet and discharge trays and adapters. Units can be provided stand-alone or as part of a full system including feeders, hoppers, stands, dump stations, scales, pneumatic or mechanical conveyors, air filters and more. The unit can also be provided with drilled flange holes. The S4 can be provided in exotic alloys such as hastelloy, inconel, and monel, in addition to stainless steel. Other sizes, alloys and configurations are available. Consult factory for certified drawings.



Our in-house test facility is available to demonstrate actual performance and results on your material.