

DELUMPER® LP SERIES

Powerful Crushers With Unique Versatility

DELUMPER® LP Crushers reduce hard or soft, heat sensitive, sticky or wet agglomerates and lumps at high volume. These straight-thru units employ extended cutting teeth that rotate completely through a heavy bar cage. Oversized solids up to the unit's full input opening size are reduced by this powerful processor. With each rotation, the teeth clean the slot openings making the unit automatically self-clearing. The result is an efficient, exceptionally low-friction cutting action that is excellent for large quantities of sludge cake, agglomerated chemicals, fats, waxes, plastics, waste and more.



Low Friction Cutter Design

Individual Replaceable Teeth

High Capacity

Solid Construction

Handles Sticky, Tough or Abrasive Materials

Heavy, Precision Construction

Delumper LP

The DELUMPER LP (above) is provided with a one-piece, seamless, uni-body housing. Several standard models are available. The 1075LP accepts 1600 cu. ft. per hour of material such as filter press cake slabs up to the full 16" input opening of the unit. The units can be supplied with optional outboard bearings and packing seals.

Outstanding Capabilities

The DELUMPER LP can handle wet, sticky, dry, hard or soft substances. It tears through chemicals, lumps, agglomerates, ore, filter cake, ash, sugar, food, plastics and more. The units are available in various sizes with single, dual or triple shaft configurations for capacities up to 800 tons / hr.

Delumper Twin LP

The powerful and versatile DELUMPER TWIN-LP reduces materials to desired output size in ultra high volume, or it can be run at low speed for an extra gentle action on sensitive materials. Standard TWIN-LP features include direct gear drives, shaft seals, heavy-duty bearings, a choice of standard and (HD) ultra-duty construction.



Construction

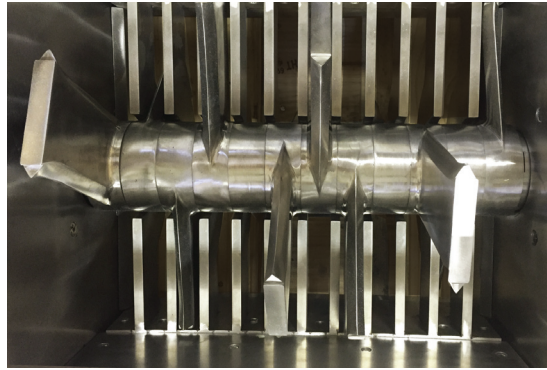
DELUMPER® processors are solidly constructed of heavy plate and channel for long, dependable service. These units are precision manufactured and aligned for smooth operation with low vibration or noise. The bodies are constructed with ample mounting flanges for connection to ducts, hoppers, feeders, or valves. The DELUMPER LP models are supplied in one-piece bodies, lip-type shaft seals and heavy tapered roller bearings. The TWIN LP is supplied with a bolted body assembly, outboard bearings, and packing seals.

Options

- High Temperature Capability
- Complete Systems
- Stand and Hopper
- Automatic Controls
- Zero Speed Indicator



A DELUMPER Triple LP supplied as part of a complete system.



Configurations

DELUMPER LP models are provided in a number of configurations to fit many application requirements. Standard units are supplied with belt drive, foot mounted motor, guard and adjustable motor plate. Optional single or multiple direct driven units can be supplied. Units are available with or without stand and hopper. The DELUMPER LP is available in carbon steel, T304L and T316L stainless steel construction, as well as other special alloys. These units can be supplied for high temperature operation.

Any Franklin Miller DELUMPER can be supplied as part of a complete engineered system including automatic controls, conveyors and other devices to meet your application requirement.

MODEL NO.	SHAFT NO.	INPUT WIDTH	INPUT LENGTH	OVERALL WIDTH	OVERALL LENGTH	HEIGHT	TYP HP
DC1075LP	1	14" (356 mm)	16" (406 mm)	32" (813 mm)	36" (914 mm)	13" (330 mm)	10
DC2085LP	1	14" (356 mm)	31" (787 mm)	51" (1295 mm)	40" (1016 mm)	13" (330 mm)	15
DC2020LP	1	20" (508 mm)	20" (508 mm)	44" (1118 mm)	50" (1270 mm)	20" (508 mm)	25
DC1818LP	2	18" (457 mm)	18" (711 mm)	22" (559 mm)	61" (1549 mm)	12" (305 mm)	10
DC2830LP	2	28" (711 mm)	30" (762 mm)	33.5" (851 mm)	88" (2235 mm)	13" (330 mm)	15
DC2840LP	2	28" (711 mm)	40" (1016 mm)	36.8" (935 mm)	130" (3302 mm)	15" (381 mm)	25
DC3456LP	2	34" (864 mm)	58" (1473 mm)	54.5" (1384 mm)	201" (5095 mm)	18" (457 mm)	25
DC4230LP	3	42" (1067 mm)	30" (762 mm)	49" (1245 mm)	97" (2464 mm)	15" (381 mm)	15
DC4240LP	3	42" (1067 mm)	40" (1016 mm)	49" (1245 mm)	107" (2718 mm)	15" (381 mm)	15
DC4856LP	3	48" (1219 mm)	56" (1422 mm)	70" (1778 mm)	212" (5385 mm)	18" (457 mm)	25

Consult factory for certified drawings. Other sizes available on request.

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