

Extreme-Duty Dual Shaft Shredders

High torque solution for heavy-duty shredding or pre-shredding applications... even those with metal contamination.



Comet's CSX-DS series dual shaft shredders are designed to shred large quantities of scrap metal and a range of waste materials including mixed materials with metal contamination. They are built for extreme-duty, delivering high torque gears and throughput. This shear-type, multi-purpose industrial shredder has a unique modular split chamber design providing excellent access to key components to reduce maintenance downtime and service costs.

Features

- Slow speed high torque shredding principle.
- Low noise levels without creating dust or flying particles.
- Rugged low maintenance design.
- Shock absorbing shaft couplings between gear boxes and blade shafts reduce operational stress.
- Extremely powerful blades and spacers manufactured from high quality, heat-treated steel are suitable for shredding or pre-shredding tough materials.
- Individual cleaning fingers mounted to the chamber sidewalls ensure quick discharge of shredded materials.
- Modular chamber design with split end-plates and bearing housings enables quick access to all key components.
- Advanced, adjustable sealing system prevents dust from damaging gears and bearings.
- Stand alone electrical control panel with Siemens PLC control system.
- Certified to the applicable CE safety standards.

Options

- Motor power and gears size.
- Hydraulic crammer for pressing material.
- Hydraulic drive instead of electrical drive.
- Rotary screen is available.



Typical Applications

- **Tires:** car, truck, and off the road (earth movers)
- **Electronic Waste & Scrap:** components, consumables and subassemblies
- **Bulky Waste:** mixed household, municipal, industrial, and paper industry pulper waste
- **Wood & Timber:** pallets, C&D debris, etc.
- **Aluminum:** castings, profiles, etc.
- **Steel:** car body shells, sheet scrap, etc.



CSX-DS1300 with De-dusting System



Feed to shredder hopper using conveyor, loader or forklift



CSX-DS1800 with Crammer



CSX-DS Shredding Tires

Specifications

Model	CSX-DS1300	CSX-DS1600	CSX-DS1500	CSX-DS1800
Dimensions (LxWxH) (in)	186 x 87 x 111	167 x 89 x 102	239 x 95 x 148	250 x 95 x 148
Chamber Size (in)	51	63	59	71
Chamber Depth (in)	34.5	34.5	57	57
Number of Blades (pcs)	26	32	30 / 20	36 / 24
Blade Thickness (in)	2	2	2 / 3	2 / 3
Rotor Speed (RPM)	7.5 ~ 14.5	7.5 ~ 14.5	5.5 ~ 10	5.5 ~ 10
Rotor Diameter (in)	φ20	φ20	φ31.5	φ31.5
Drive Power (hp)	49.5 + 49.5	49.5 + 49.5	147.5 ~ 241	147.5 ~ 295
Hopper Volume (L)	1,700	2,000	3,600	4,060
Approx. Weight (lbs)	~24,250	~31,967	~52,911	~59,525

We reserve the right to change specifications without prior notice.



COMET

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