



The PS block crusher is designed for breaking up material that has caked or agglomerated in transport or storage. A cylindrical housing with an internal fixed grating and rotating cutter shaft shears and crushes large lumps into uniform smaller pieces, restoring flowability and bulk density so that downstream conveying, dosing and packing equipment runs reliably. It performs outstandingly on soft, friable lumps, while the gas-tight design meets both dust collection and hygiene requirements.

Structural Features: Flanged circular-section shell, rugged and durable; purpose-matched cutter profiles mounted on a horizontal rotating shaft according to material characteristics; the whole unit can be quickly dismantled for thorough cleaning; all product-contact parts are AISI 316L / 304 stainless steel for corrosion resistance and hygiene; an optional hydraulic lifting system eases maintenance.

Key Features

- ◆ Fixed grating + rotating cutter shaft for continuous crushing and uniform output size
- ◆ AISI 316L / 304 stainless steel contact parts, corrosion-resistant and hygienic
- ◆ Gas-tight design prevents dust and contamination for a clean operating environment
- ◆ Cutter profile and grating tailored to the material, handling varying lump hardness
- ◆ Quick-release construction throughout, easy to clean and maintain
- ◆ Optional integrated dust collection, hydraulic lifting and variable-frequency control

Specifications

Model	Motor Power (HP)	Inlet (inch)	Application
PS-6 (Heavy Duty)	3–5	6"	General caked materials
PS-10 (Extra Heavy Duty)	7.5–10	10"	Thick, compacted lumps
PS-12 (Super Heavy Duty)	10–15	12"	Large, hard lumps

Caked material fed in → Cutter shaft shears and crushes → Fixed grating controls particle size →
Uniform crushed material discharged

◆ Selection notes: please provide the material name, lump hardness and lump size, throughput, and installation position (silo outlet / on the conveying line / inside the bag dump station). Cutter profiles and grating apertures can be customized as required.