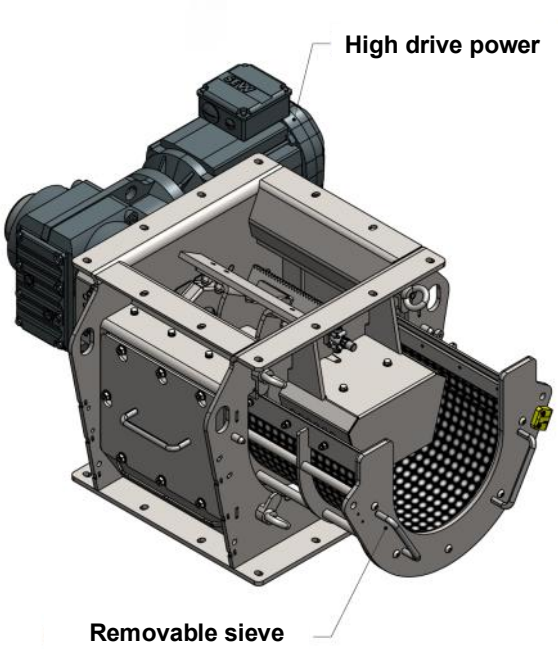


DESCRIPTION

The device is used for **crushing and grinding loose materials** that tend to form agglomerates and lumps.

The **LBS lump breaker** consists of a rigid housing with inlet and outlet flanges, a crushing element, and a gear motor.

Due to its intended use, particularly in the food and pharmaceutical industries, the device meets the highest hygiene and cleaning requirements. The screen can be removed without tools, and access to the crushing element and its replaceable blades is very easy. The pulverizer can be made of **1.4301 (304) or 1.4404 (316L)** steel with various surface finishes, including grinding and electropolishing.

SPECIFICATION

- Three models: LBS2020, LBS3030, and LBS3050
- SEW 3x400 VAC IP65 gear motor
- Replaceable screens with mesh sizes of 1÷25 mm made of perforated sheet metal or woven steel mesh
- Replaceable blades in the crushing element
- Seal with air blow-through option
- Option of tool-free screen removal with opening sensor

EXECUTION

- 304 stainless steel (glass bead blasted or electropolished)
- 316L acid-resistant steel (glass bead blasted or electropolished)
- Optional design for Ex explosion hazard zones
- Optional hygienic design with ground internal surfaces

APPLICATION POSSIBILITIES

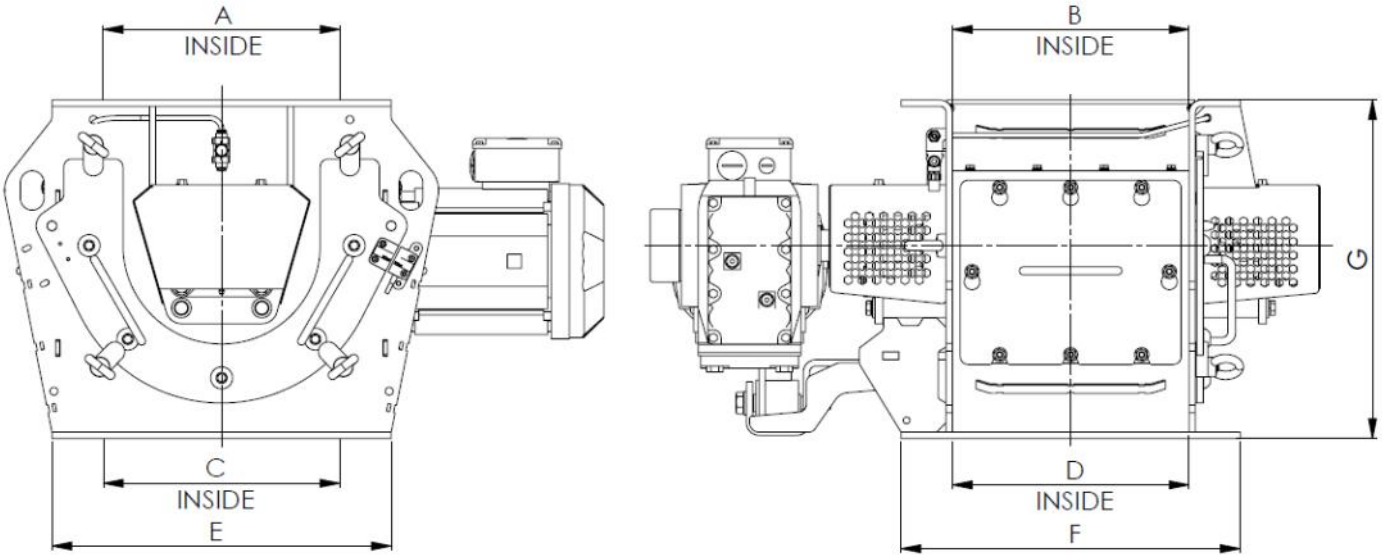
- After storing bulk material in a silo
- Under a big-bag unloading station or bag-opening station
- After drying or mixing bulk products
- After material segregation in a screen
- Before a pneumatic transport system
- Before a process requiring a specific grain size

HOW TO USE

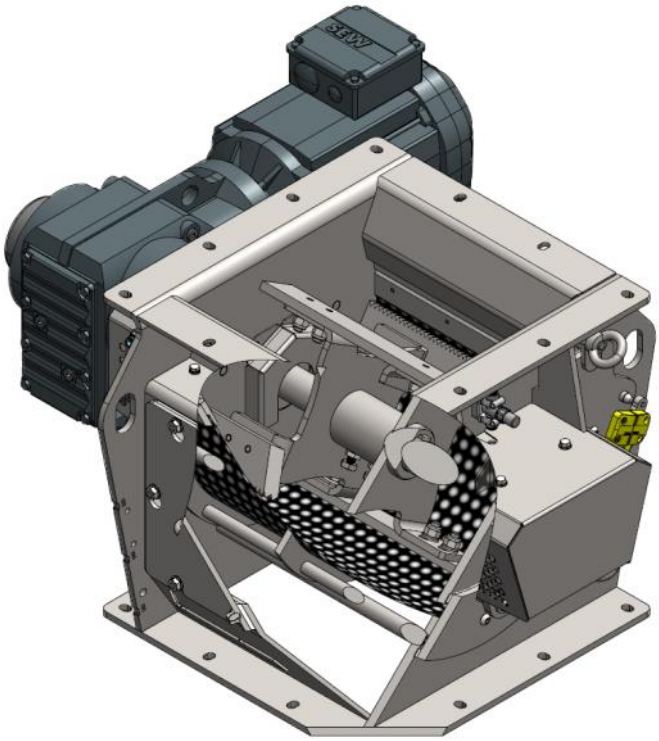
Loose materials containing agglomerates, lumps, or solids are fed into the LBS solid crusher. The product is crushed by the crushing element and sent to the next production process through a pass-through screen. The crushing element consists of replaceable blades attached to a slow-rotating shaft. The crushing process itself is achieved by breaking and cutting, not grinding. The maximum grain size can be determined by the mesh size.

www.interprocess.pl | tel.: +48 787 783 590 | biuro@interprocess.pl | ul. Ku Wiśle 7 | 00-707 Warszawa
NIP 7011116951

DIMENSIONS



Model	Outlet dimension A [mm]	Outlet dimension B [mm]	Outlet dimension C [mm]	Outlet dimension D [mm]	Dimension E [mm]	Dimension F [mm]	Height G [mm]	Nominal drive power [kW]	Maximum capacity [m3/h]
LBS2020	200	200	200	200	330	330	330	1,1	1,5
LBS3030	300	300	300	300	430	430	430	2,2	6
LBS3050	300	500	300	500	430	630	430	4	11



www.interprocess.pl | tel.: +48 787 783 590 | biuro@interprocess.pl | ul. Ku Wiśle 7 | 00-707 Warszawa
NIP 7011116951