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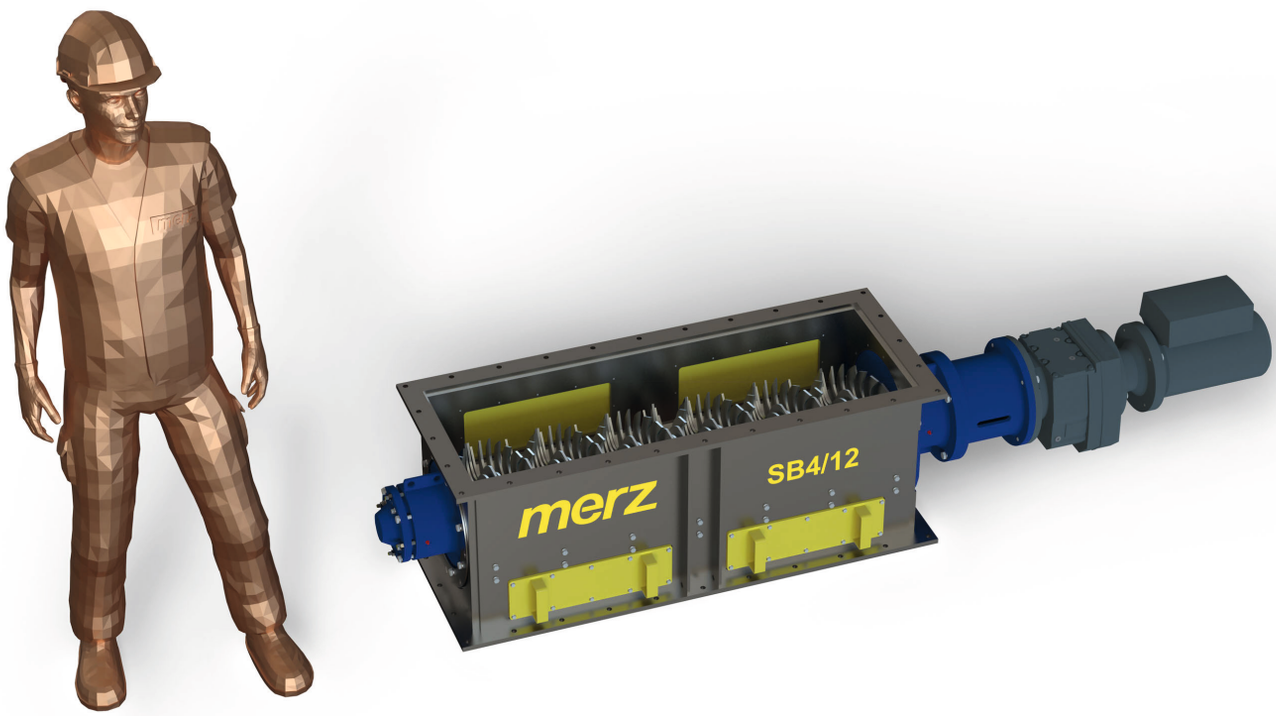

LUMP CRUSHER SB

- Crushing low-strength material
- Throughput capacity up to 100 t/h
- Feed grain up to 350 mm
- Final grain from 8 mm
- Rotor diameter from 350 to 650 mm
- Feed width from 450 to 750 mm
- Feed length from 450 to 2000 mm
- Power input from 2 to 11 kW

Standard scope of delivery

- Solid welded construction made of mild steel S235JR
- Rotor profile and grid adapted to feed material
- Rotor material C45, surface-hardened to HRC 56 - 58
- Material inlet and outlet adapted to upstream and downstream process
- Dust leakage minimized via seal and dedusting system
- Motor 400 V, 50 Hz, 3p, IP55
- Motor speed monitoring (sensors without evaluation)
- Wiring to terminal box (on machine)

Options

- Material feeds such as vibratory feeders or hoppers
- Material discharge via sieves, vibrating chutes
- Rotor material as required
- Special linings, wear-resistant linings or completely stainless steel
- Crushing circuit with recirculation
- Motors with special voltages
- Flooding with inert gas
- Bearing lubrication via automatic system
- Wiring up to the customer's control cabinet or complete control system
- Explosion protection version (mechanical and electrical)

Lump crusher	Feed grain size*	Throughput capacity*	Roller diameter	Feed width	Feed length	Power input	Length	Width	Height	Weight
Type	[mm]	[t/h]	[mm]	[mm]	[mm]	[kW]	[mm]	[mm]	[mm]	[t]
SB 3/	⩽ 200	⩽ 25	350	450	450 - 800	2 - 6	750 - 1050	450	450	0.5 - 1.5
SB 4/	⩽ 200	⩽ 30	400	550	550 - 1200	2 - 11	750 - 1600	550	550	0.6 - 1.6
SB 5/	⩽ 250	⩽ 50	500	650	650 - 1400	2 - 11	750 - 1800	650	650	0.8 - 1.8
SB 6/	⩽ 350	⩽ 100	650	750	750 - 2000	3 - 11	1050 - 2550	750	750	1.0 - 2.5

*Values subject to material, rotor diameter, shafts, feed spectrum, etc.

Please contact us for a test of your material in our technical centre.

2025-08-20