

Crushing



JAW CRUSHER BB

- Crushing hard, coarse and abrasive materials
- Adjustable crushing ratio via crusher gap and jaw profiles
- Material for crusher jaws and lining can be chosen in line with your requirements
- Throughput capacity up to 90 t/h*
- Feed grain size up to 250 mm*
- Final grain size from 10 mm*
- Feed opening up to 800 x 550 mm
- Eccentric drive
- Adjustable crusher gap
- Constant force even when adjusting crusher gap
- Motor power input from 7 to 55 kW

Standard scope of delivery

- Sturdy welding construction made from normal steel S235JR
- Crushing plates made from austenitic manganese steel, smooth
- Closed casing, smaller model with door
- Material inlet and outlet adapted to upstream and downstream process
- Dust output minimised using seal and suction
- Manually adjustable crusher gap
- Motor 400 V, 50 Hz, 3p, IP55, suitable for frequency inverter operation
- Dust exhaust connection (2 x 80 mm diameter, volume flow 360 m³/h)
- Crushing plate monitoring (sensors without evaluation)
- Wiring up to terminal block (on machine)

Options

- Digitally adjustable crusher gap
- Material feeds via vibration chutes, storage, etc.
- Material outlets via screeners, vibration chutes, etc.
- Crushing plate surfaces with profile adapted to feed material
- Crushing cycle with return feed
- Lining made from stainless steel
- Motors in special voltages
- Protective gas flooding
- Automated bearing lubrication
- Wiring up to customers control cabinet or complete controls
- Crusher plates made from ceramic, tungsten carbide, etc.
- Low-contamination model
- Special paint
- Explosion-proof model (mechanical and electric)

Jaw crusher	Feed grain size*	Throughput capacity	Feed opening	Power input*	Length	Width	Height	Weight
Type	[mm]	[t/h]	[mm]	[kW]	[mm]	[mm]	[mm]	[t]
BB 200/125	≤ 80	2 - 5	200 x 125	7	800	1100	1000	1
BB 300/200	≤ 120	5 - 11	300 x 200	11	1000	1400	1200	2
BB 400/250	≤ 150	7 - 16	400 x 250	18	1200	1550	1400	3
BB 650/350	≤ 200	25 - 60	600 x 400	37	1900	1850	2000	10
BB 800/550	≤ 250	60 - 90	800 x 550	55	2500	2200	2450	14

*Values subject to material, feed spectrum, crushing gap etc.

Please contact us to arrange a test for your material in our technology centre.