Merz Aufbereitungstechnik GmbH

Industriestr. 29
79787 Lauchringen
Germany

Tel.: +49 (0) 77 41 / 68 26 - 0
Fax: +49 (0) 77 41 / 68 26 - 99

info@merz-aufbereitungstechnik.de
www.merz-aufbereitungstechnik.de

JAW CRUSHER BB

- Crushing hard, coarse and abrasive material
- Adjustable crushing ratio via crusher gap and jaw profiles
- Material for crusher jaws and lining as required
- 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
- Adjustable crushing gap
- Constant force even when adjusting
- crusher gap
- Motor power input from 7 to 55 kW

Standard scope of delivery

- Solid welded construction made of mild steel S235JR
- Crushing plates made of manganese steel, smooth
- Closed housing, smaller models with door
- Material inlet and outlet adapted to upstream and downstream process
- Dust leakage minimized via seal and dedusting system
- Manual crushing gap adjustment
- Motor 400 V, 50 Hz, 3p, IP55, suitable for frequency inverter operation
- Dedusting connection (2 x 80 mm diameter, volume flow 360 m^3/h)
- Speed monitoring of the crushing process (sensors without evaluation)
- Wiring up to terminal box (on machine)

Options

- Digital crushing gap adjustment
- Material feeds via vibration chutes, bunker, etc.
- Material discharge via screens, vibrating chutes, etc.
- Crusher tools surface with profile adapted to the feed material
- Crushing circuit with recirculation
- Wear restistant lining
- Motors with special voltages
- Explosion protection version (mechanical and electrical)
- Flooding with inert gas
- Bearing lubrication via automatic system
- Wiring up to customer's control cabinet or complete control system
- Crusher plates made of ceramic, tungsten carbide etc.
- Low-contamination design
- Special paint finish

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 for a test of your material in our technical centre.