

FCB B-mill

A proven tube grinding mill



Holcim Apasco - Hermosillo (Mexico)

The FCB B-mill has been designed to be particularly suitable for grinding high fineness products, highly abrasive materials, and solid fuels

- Widely-known and proven technology
- Stable operation
- Easy maintenance
- High availability of the installation
- Most adapted mill to grind abrasive materials
- Optimized for lower energy demand

FCB B-mill, a ball mill technology which benefits from one century of experience



A VERSATILE MILL FOR A WIDE RANGE OF APPLICATIONS

- Air-swept or semi air-swept mill for raw meal or coal grinding in the cement industry
- Two compartments mill for cement grinding with optional pre-drying chamber or drying compartment
- Optional flash dryer integrated at inlet box for high moisture material grinding
- Bi-rotator mill with central discharge for better efficiency in case of high grindability difference or high moisture content
- Autogenous grinding mill for ore preparation and in specific cases such as selective grinding of limestone with flint

Customized design

Steady operation

Either slide shoe bearing or conventional trunnion mounting

A wide range of applications: raw meal, clinker, cement and additives, slag, minerals, etc.



EASY MAINTENANCE & OPERATION

- Large access and opening to shoe bearings
- Easy dismantling of inlet/outlet boxes
- Integrated operation software OPTI-Bmill™ for smooth operation and process optimization
- Remote monitoring

VARIOUS DRIVE TYPE POSSIBILITIES

- Single pinion and girth gear (up to 3,900kW)
- Double pinion and girth gear (up to 5,000kW)
- Combi lateral drive (up to 8,000kW)
- Central drive (up to 12,000kW)

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