

**Bauxite Mining Plants** of SBM. SBM is a professional manufacturer of Bauxite crushing equipment, *Bauxite crusher equipment*. It is major production include Bauxite crusher...

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**Bauxite Ore Mining Plants**

SBM is an international Bauxite Ore mining plant manufacturer and exporter company. And supply the the best Bauxite mining Plant, Bauxite Crushing Plant, Bauxite grinding machine. You can learn more information about the equipment of Bauxite mining Plant.



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**Bauxite ore mining : Bauxite crushing, Bauxite grinding**

▶ **Bauxite ore and its usage**

Bauxite is the mineral form of aluminium, and containing about 50 per cent alumina. Bauxite is normally found in a layer averaging three to five metres deep, located about half a metre beneath the topsoil. Mined bauxite resembles small red pebbles, called pisolites, averaging about five millimetres in diameter. After a chemical refining process, bauxite ore is transformed into aluminium, and then reduced into primary aluminium.

Aluminum is present in our daily lives in countless objects, such as cans of food and drink, kitchen utensils and various kinds of packaging. In addition, it is increasingly used to produce cars, boats and aircraft.

Bauxite ore is widely distributed in Australia, Brazil, China, Guinea, Guyana, India, Jamaica, Russia, Suriname, USA, Venezuela, Ghana, , In Pakistan, bauxite ore is widely distributed in Punjab Province, Balochistan Province, Punjab region and Pakistani-administered Kashmir region.

▶ **Bauxite ore process and beneficiation**

Bauxite ore is one of the most useful metal materials in the world. Bauxite is typically mined in open-pits and either processed into alumina near the mining operation, or shipped to smelting markets around the world for processing. Bauxite ore crusher plays an important role in the bauxite ore beneficiation process.

▶ **Bauxite crusher**

Bauxite ore crusher is a major crushing equipment in a bauxite ore beneficiation plant. SBM can produce all kinds bauxite crusher for clients from primary crusher to fineness crusher.

Our bauxite ore crushing equipment contains: PE jaw crusher, JC jaw crusher, PF impact crusher, PFW impact crusher, HP cone crusher, CS Symons crusher, PY spring cone crusher, HCS cone crusher etc.

The crushing capacity can be up to 1000 TPH, the feeding size can be up to 1meter, the discharging size of the grain ore can be down to 20mm.

▶ **Bauxite ore crushing plant**

The Run-of-mine bauxite ore crushing fleet contains primary crusher, secondary crusher, fineness crusher, sieving equipment, transferring equipment, feeding equipment, washing equipment and so on. We also can supply portable crusher and mobile crusher to the clients. These beneficiation facilities are necessary equipment for the project. Our bauxite ore crushing equipment is widely used by Vale, Rio Tinto, BHP etc.

- Primary crusher: PE jaw crusher
- Secondary crusher: JC jaw crusher, PF impact crusher, PFW impact crusher
- Fineness crusher: cone crusher;
- Sieving equipment: vibrating screen;
- Feeding equipment: vibrating feeder;
- Transferring equipment: conveyor belt;
- Washing machine: Sand washing machine;

The primary crusher can take rocks as large as 1.5m in diameter. By the time the ore comes through the other end the biggest rocks are less than 180mm. A secondary crushing plant further reduces the size to less than 30mm. The crushed ore is fed into a stockpile, ready to be carried by conveyor belt to the refinery.

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**Mining Equipment:** The Mining Equipment Prospector is a resource locator of mining equipment from around the globe, to deal with mineral, rocks, stones, ore...

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