

300,000 t/a GGBS production line



Application: Cement Plant,
Clinker Grinding Unit, Steel Mill

Annual Output: 300,000 tons

Power Consumption: 42
kWh/t

Blaine Fineness: 4200-4500
cm²/g

Equipment Type: GRMS33.31 Slag
Vertical Roller Mill

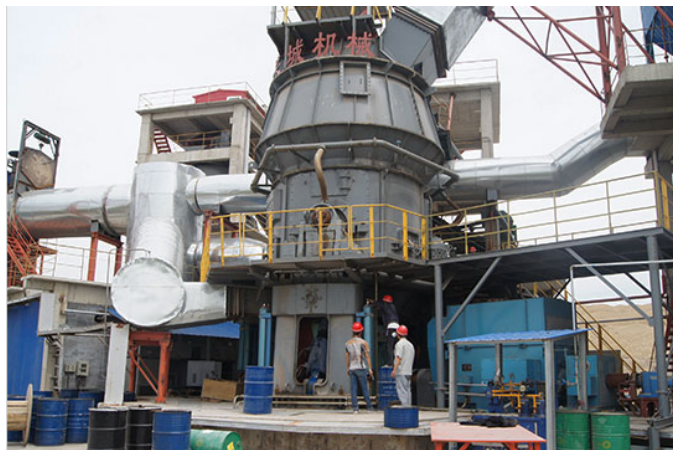
Standard Production Capacity: 50 t/h

Effective Diameter of Millstone: 3300
mm

Number of Roller: 3

Introduction:

As a new type of high performance concrete admixture, [ground granulated blast slag](#) (GGBS) has all kinds of performance advantages about improving concrete compressive resistance, tensile resistance, sheared resistance and bended resistance. At present, with the same amount of GGBS instead of concrete and cement product of cement dosage, which has become the main trend of building materials industry. Great Wall is a professional supplier of GGBS production line, provide "turnkey" service from civil engineering to debugging and capacity and standard reaching to customers, let customers put into production of GGBS with saving worry, saving effort and high-efficiency.



Features:

A good return on investment, can recover the cost effective

With the application widely of mineral powder, the domestic market demand increase rapidly in this project. Investment powder production line with considerable economic benefit and high return on investment, usually 1-3 years can recover the cost.

High efficiency, energy saving, environmentally friendly

[GRMS series slag vertical mill](#) can reduce power consumption effectively in the process of production as the core equipment of production line. Meanwhile, mill internal is negative pressure in process, which produces almost no dust during operation, lower noise and pollution than traditional tube mill.



Mature general contrasting scheme

Great Wall has the domestic first-class technical team, and combined with domestic chief vertical expert for technology. Great Wall Machinery can design detail general scheme according to customer's actual situation, and can provide "turnkey service" from civil engineering to production operation.

The customer cases witness all over the country

Great Wall Machinery [GGBS production line](#) has been recognized by key customers, the domestic production operation of the production line has been up to more than 30, customers all over the country.

Configuration

No.	Name	Number	Unit	Voltage(V)	Power(kW)
1	Belt Conveyor B800X20m	1	set	380	5.5
2	Jaw Crusher PE250X400mm	1	set	380	30

3	Large Dig Angle Belt Conveyor B800X50m	1	set	380	18.50
4	Weigh Measuring Pocket 30m3	1	set		
5	GRMS33.31	1	set	380	2.2
6	Measuring Feed Equipment DEL0820	1	Unit	10000	1800
7	Powder Concentrator	1	set	380	132
8	Fan Electric Motor YKK4504-4	1	set	10000	630
9	Air Slide Conveyor KQ500X20m	1	set	380	4.0
10	Bucket Elevator NE50X25m	5	set	380	11
11	Plenum-Pulse Bag	1	unit	380	22
12	air compressor	1	set	380	110
13	Small Dust Collector/Fan/Electric Motor	5	unit	380	30
14	Office/Illumination/Others	1	unit	380	100