

## NEW TECHNOLOGY OF GGBS PRODUCTION LINE

Many people know CHAENG but don't understand it  
Build China first-rate integrated supplier of grinding system

## Introduction

According to relevant data, it shows that the general trend of cement industry is with strength of cement rising and the clinker consumption decreasing in the Germany and Switzerland of the power cement world. In the future development of cement industry in Germany, it is still that the traditional Portland cement will be replaced by cement which is mixed with low clinker such like slag, fly ash, shale, ash, II sintering limestone, etc. And the slag will be used by more and more cement and concrete enterprises as a new type of admixture. Therefore, slag powder processing can be a global environmental protection and energy saving industry.

Xinxiang Great Wall Machinery Corporation have built more than 100 slag powder production lines for global customers from Indonesia, Vietnam, Pakistan, etc. We are looking forward to your visit sincerely.



## 1 vertical mill 8 services

The world's first strategy of "1 vertical mill, 8 services" - let you have no worries all the way



## Our Slag Process Display

Henan MengDian Group-The famous Chinese cement group, in order to adapt to global environmental protection requirements, they invested to build a slag powder production line with capacity of 1 million tons per year in 2012. This project is overall contracted by us and the production starts smoothly in 6 months. The data shows that our vertical mill's energy saving effect is remarkable when compared with the ball mill (saving 30%-60%)

Product Specification	GRMS53.41 Slag Vertical Mill
annual output (t)	1 million
designed output (t/h)	150
designed input (t/h)	188
actual output (t/h)	160
product fineness (m2/KG)	500
single machine power consumption (KWh)	26.5
The system power consumption (KWh)	35
coal consumption (KG)	17
Mineral powder metal recovery (%)	0.2-0.3

## Detailed Technology

- 01** Dry slag and wet slag should be put into the mill separately, it can avoid slag agglomerate and decreasing the transmission capacity.
- 02** External loop system uses embedded scraping machine + elevator + pipe hoist iron remover to reduce dust emissions.
- 03** Set the flow warehouse (middle warehouse) steady before sending the slag into the vertical mill to improve the stability of vertical mill.
- 04** Set dust collector on the chute transportation corridor to improve environmental cleaning rate.
- 05** Add iron elector to achieve iron slag separation and reduce attrition
- 06** Crush big bite of slags again to improve the material utilization rate.

## Our Cases Show



Country	Company	Project
Indonesia	Indonesia Growin Steel Group	300,000 t/a nickel slag grinding production line
China	Baosteel Group Corporation	1,500,000 t/a slag/steel slag grinding production line
China	Aosen Steel Co.,Ltd	600,000 t/a slag grinding production line
China	Xuzhou South-East Steel Co.,Ltd	300,000 t/a slag grinding production line

## Online Message

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