

High Pressure Suspension Grinder - Cone Crusher



High Pressure Suspension Grinder

Application:

High pressure suspension grinder is used non explosive, non flammable materials to grind to be powder, most of high pressure suspension grinders are used metallurgy, construction material, chemical industry, mining.....and Mohs hardness is below 9.3 humidity below 6%, the materials like mainly applied to the powder processing of mineral products in the industries of metallurgy, construction materials, chemical, and mining, etc. It can produce powder from various non-flammable and non-explosive mineral materials with Mohs hardness below 9.3 and humidity below 6%,the materials like quartz, feldspar, calcite, talcum, barite, fluoride, Xircom, cinder, white lime, cement clinker, activated carbon, dolomite, granite, soft coal, coking coal, lignite, magnesia, chromium oxide green, gold ore, red clay, clay, kaolin, coke, coal Gangue, porcelain clay, kyanite, fluorspar, bentonite, medicinal stone liparite, diabase, pyrophyllite, shale red stone, emeraldite, basalt, gypsum, graphite, carborundum, heat insulating material.....

Features of High Pressure Suspension Grinder:

The features of our high pressure suspension grinder

1. Production capacity to be enhanced by 10%,to compared with the common Raymond grinding mill, under the performance of high-pressure springs, the rollers grinding pressure on raw materials can be raised by 1500kgf.
2. Maximum particle of powder diameter of 0.95mm (20 mesh) to the finest diameter of 0.038mm (400 mesh). A few materials can reach 0.013mm (1000 mesh).
3. The machine meets the international dust discharge standard.
4. Adjustable classifier gives user more choice
5. The grinding device adopts a superposition multi-grade sealing with good sealing performance.

Specification of High Pressure Suspension Grinder:

Table 1:

Type	Roller Number	Roller		Ring		Max .Fe eding Size (mm)	Size of finished product (mm)	Main fra me power (Kw)	Fineness of finished product(mm)			Overall Dimension (mm)
		Diam eter (mm)	Hei ght (m m)	Inner Diam eter (mm)	Hei ght (m m)				0.125	0.075	0.044	
									Capacity(t/h)			
YGM7815	3	260	150	780	150	15	0.613-0.033	18.5	2.2-3	1.5-2.2	1-1.4	4300x3500x5100
YGM8314	3	270	140	830	140	20	0.613-0.033	22	3.4-4.6	2.2-2.8	1.2-2	5300x4100x5200
YGM9517	4	310	170	950	170	25	0.613-0.033	37	4.3-5.6	3-3.8	2.1-4.5	7100x5900x7900
YGM4121	5	410	210	1280	210	30	0.613-0.033	75	5.0-10.5	4-6.6	2.8-5.4	9200x7250x9700

Table 2:

Name		Unit	Specification and technical data			
			YGM7815	YGM8314	YGM9517	YGM4121
Motor of main unit	Model		Y225S-8	Y225M-8	Y225S-4	Y280S-4
	Power	Kw	18.5	22	37	75
	Rotating	Rpm				1480
Motor of classifier	Model		Y112-6	YC T200-4	YCT200-4A	YCT200-4B
	Power	Kw	2.2	5.5	5.5	7.5
Motor of elevator	Model				Y100L-4	Y100L2-4
	Power	Kw			3	3
Motor of blower	Model		Y160M-4	Y180M-4	Y200L-4	Y250M-4
	Power	Kw	15	22	30	55
Motor of jaw crusher	Model		200x350	200x350	200x400	250x400
			Y160M-6	Y160M-6	Y180L-6	Y180L-6
	Power	Kw	7.5	7.5	15	15
Electromagnetic Vibrating feeder	Model		GZ2F	GZ2F	GZ2F	GZ2F
	Power	Kw	100	100	100	100

Note: This specification is just for reference, any changes are subject to the products.