Lab double Roll crusher



Description:

This machine is a smooth double-roller crusher, which is suitable for the laboratories and laboratories of geology, metallurgy, building materials, chemical industry, coal, mineral processing, scientific research institutes, colleges and universities, etc. to crush all kinds of medium and low hardness For ore or rock, its compressive strength is not higher than 700 kg/cm2.

This machine is mainly composed of machine body rolls and safety springs. The transmission mode consists of a closed motor via a V-belt and sprocket to drive the two rolls to rotate in opposite directions to crush the material. The roll gap can be properly adjusted within the specified range to control the size of the output particle size.

The main working part of this machine is to install two oppositely rotating rolls in parallel on two horizontal shafts. One of the rolls rotates in a fixed bearing body and the other rotates in an adjustable bearing.

Adjusting the discharge opening between the two rolls is to move the bearing body through an adjustment mechanism composed of a hand wheel, a screw sleeve and a tension bolt, and the nut must be loosened during adjustment.

The bearing body is installed on the machine body. On the side of the fixed roller, there is a spring. When a non-broken object falls into the crushing cavity, the spring is over-pressed, and the width of the discharge port increases, so that the non-broken object can pass smoothly without causing Damage to other parts, play a role in safety protection.

Main Technical Parameters

Model	ф200×75	ф200×125	φ200×150
Roller size (mm)	ф200×75	ф200×125	Φ200×150
Max feeding size mm	10	10	10
Output size mm	0～4	0～4	0.1～4
capacity(When the roll gap is 4 mm) kg/h	860	1500	2000
rotation r/min	450	400	400
Pulley size mm	280×60	470×72	470×72
Motor kw	1.5	3	3
Dimension（L×W×H） mm	640×460×880	780×660×574	780×660×574
Weight kg	250	315	350