

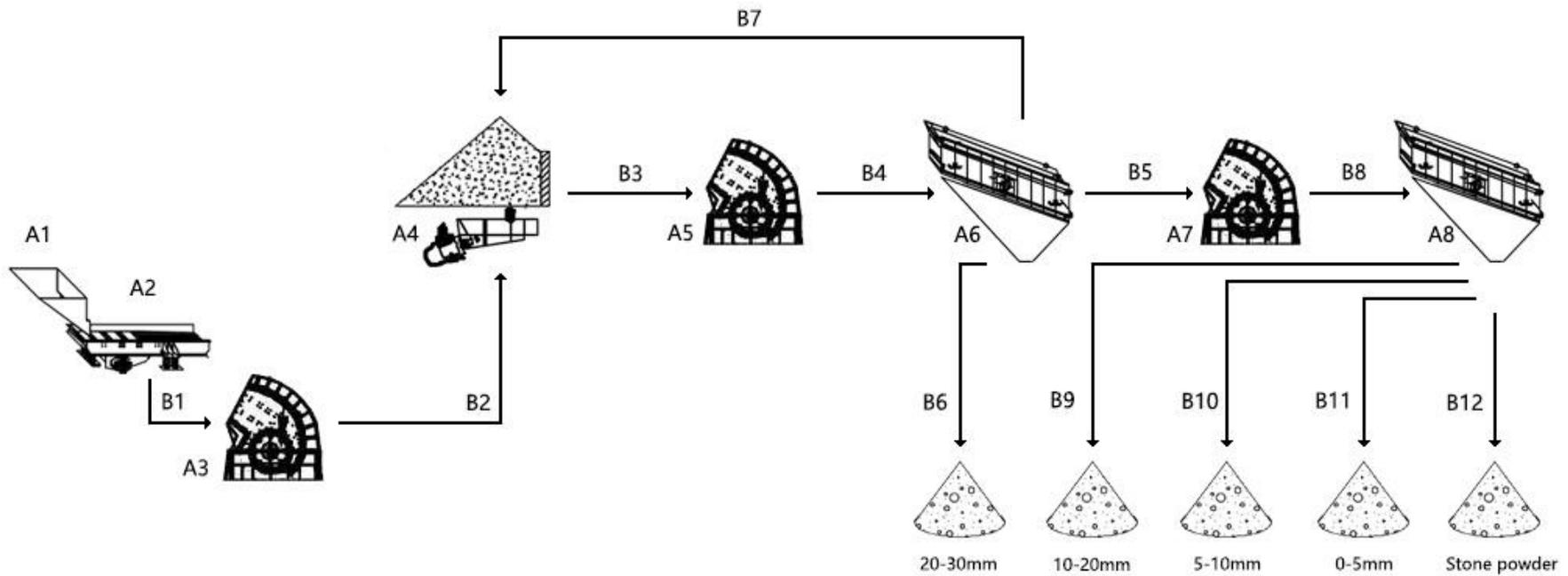
2000 TPH stone crusher plant

Fast, Intelligent and Operational, Create a new mine management model for the whole life cycle

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2000 TPH stone crusher plant

2000 t/h stone production line



Main Equipment

NO.	Equipment	Model	Set
1	Silo	-	2
2	Vibrating Feeder	DLZGC2050	2
3	Heavy Hammer crusher	DLPCZ1820	2
4	Vibrating Feeder	DLZGC1550	2
5	Hammer crusher	DLPC1826	2
6	Vibrating screen	DL2YKZ3680S	4
7	Hammer crusher	DLPC1213	4
8	Vibrating screen	DL3YKZ3680S	6

Belt conveyor

NO.	Equipment	Model	Set
1	Belt conveyor	B1800	1
2	Belt conveyor	B1400	2
3	Belt conveyor	B1400	2

4	Belt conveyor	B1400	2
5	Belt conveyor	B800	4
6	Belt conveyor	B1200	1
7	Belt conveyor	B650	1
8	Belt conveyor	B1600	1
9	Belt conveyor	B1000	1
10	Belt conveyor	B1000	1
11	Belt conveyor	B1000	1
12	Belt conveyor	B1000	1

Workflow

The mining stone is evenly fed into the A3 heavy hammer crusher through the A2 vibrating feeder for crushing and processing. The crushed stone is sent to the transfer bin for storage through the B2 belt conveyor. The A4 feeder equipment below the transfer bin sends the material to the A5 hammer crusher for crushing and shaping processing through the B3 belt conveyor. The crushed stone is then sent to the A6 vibrating screen equipment for screening through the B4 belt conveyor, which can screen out stones larger than 30mm, 20-30mm, and smaller than 20mm; Stones larger than 30mm are sent to the transfer bin through B7 belt conveyor, 20-30mm stones are sent to the material pile through B6 belt conveyor, and stones smaller than 20mm are sent to A7 hammer shaping machine for fine crushing and shaping through B5 belt conveyor. The shaped stones are sent to A8 circular vibrating screen for screening through B8 belt conveyor, which can screen out 10-20mm stones, 5-10mm stones, 0-5mm stones and stone powder. Various stones will be sent to the corresponding material pile through belt conveyor.

Features of This Production Line Design

This production line adopts the crushing processing principle of heavy hammer crusher and hammer crusher, which has the characteristics of simple structure, low investment, high output, good material particle shape, and less over crushing phenomenon; The hammerhead adopts a hinged method, which changes the contact between the hammerhead and the mineral material from rigid contact to soft contact during operation, effectively protecting the hammerhead. The selection of wear-resistant parts is excellent, and the wear-resistant edge protection protects the hammer disc, increasing the lifespan of the hammer disc by 4-6 times. Compared to the use of equipment such as E Po, it has lower investment costs, lower energy consumption, lower production costs, and reduces maintenance and repair costs. Therefore, its long-term comprehensive operating costs are relatively low.

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