

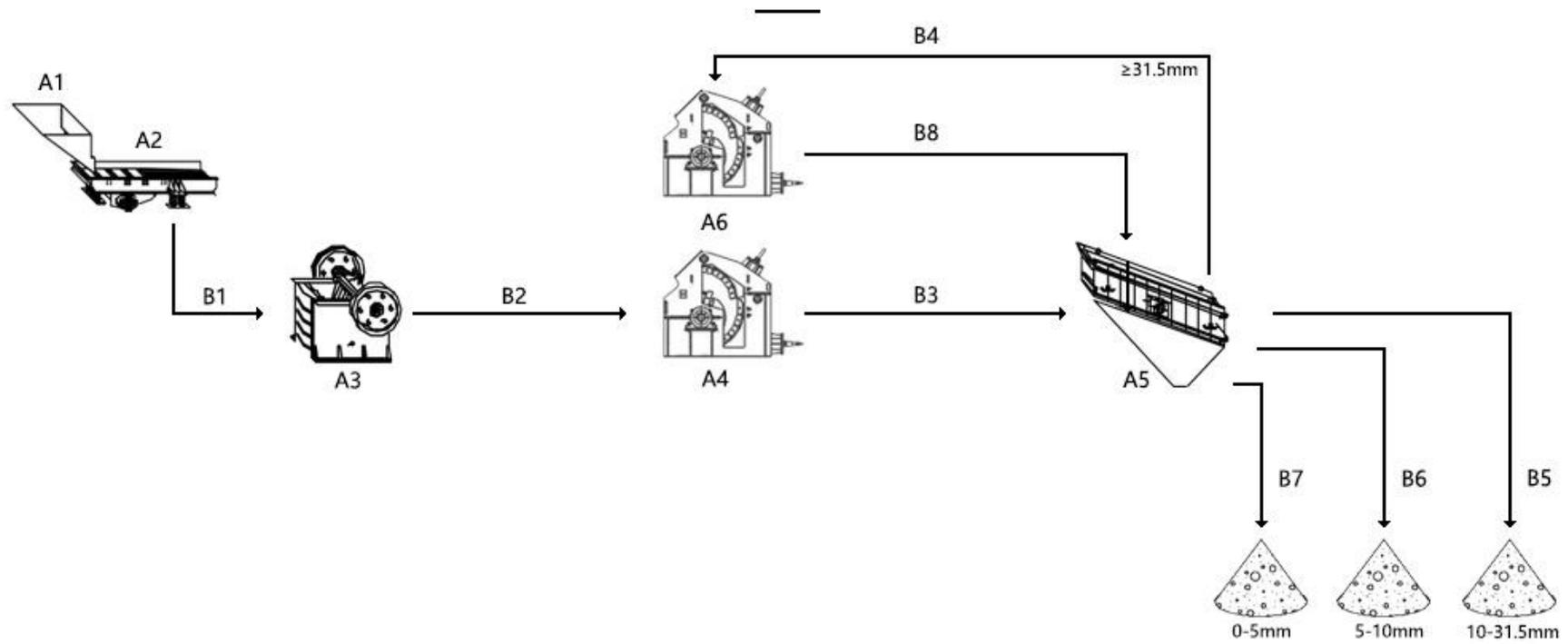
600 TPH stone crusher plant

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

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600 TPH stone crusher plant

600 t/h stone production line



Main Equipment

NO.	Equipment	Model	Set
1	Silo	-	1
2	Vibrating Feeder	DLZGC1550	1
3	Jaw crusher	DLEV125	1
4	Impact crusher	DLHCS1320	2
5	Vibrating screen	DL3YKZ3080S	2
6	Impact crusher	DLHCS1315	1

Belt conveyor

NO.	Equipment	Model	Set
1	Belt conveyor	B1200	1
2	Belt conveyor	B1200	1
3	Belt conveyor	B1000	2
4	Belt conveyor	B1000	1
5	Belt conveyor	B800	1

6	Belt conveyor	B800	1
7	Belt conveyor	B800	1
8	Belt conveyor	B1000	1

Workflow

The large blocks of material in the silo are evenly fed into the A3 jaw crusher for coarse crushing processing by a vibrating feeder. The coarse crushed material is then sent to the A4 impact crusher for medium and fine crushing processing by a B2 belt conveyor. The discharged material is then sent to the A5 three-layer heavy-duty circular vibrating screen for screening and grading by a B3 belt conveyor, which can screen out 0-5mm stone, 5-10mm stone, 10-31.5mm stone, and stone larger than 31.5mm. Stone larger than 31.5mm is sent to the A6 impact crusher for secondary fine crushing processing by a B4 belt conveyor. The discharged material is then sent to the A5 circular vibrating screen for screening by a B8 belt conveyor, and the screened 0-5mm stone, 5-10mm stone, and 10-31.5mm stone will be sent to the corresponding material pile by the corresponding belt conveyor.

Features of This Production Line Design

This production project has a wide range of applications, suitable for crushing and processing medium hardness and brittle materials such as limestone, blue-stone, etc; The finished product has excellent particle size, with mostly cubic shapes and low needle like content; High crushing ratio and efficiency, the counterattack crusher can achieve a large crushing ratio in one crushing, and when combined with the jaw crusher for coarse crushing, it can efficiently enter the intermediate and fine crushing stage, with a simple process; Stable operation, modular design of equipment, easy replacement of vulnerable parts, and convenient maintenance.

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