

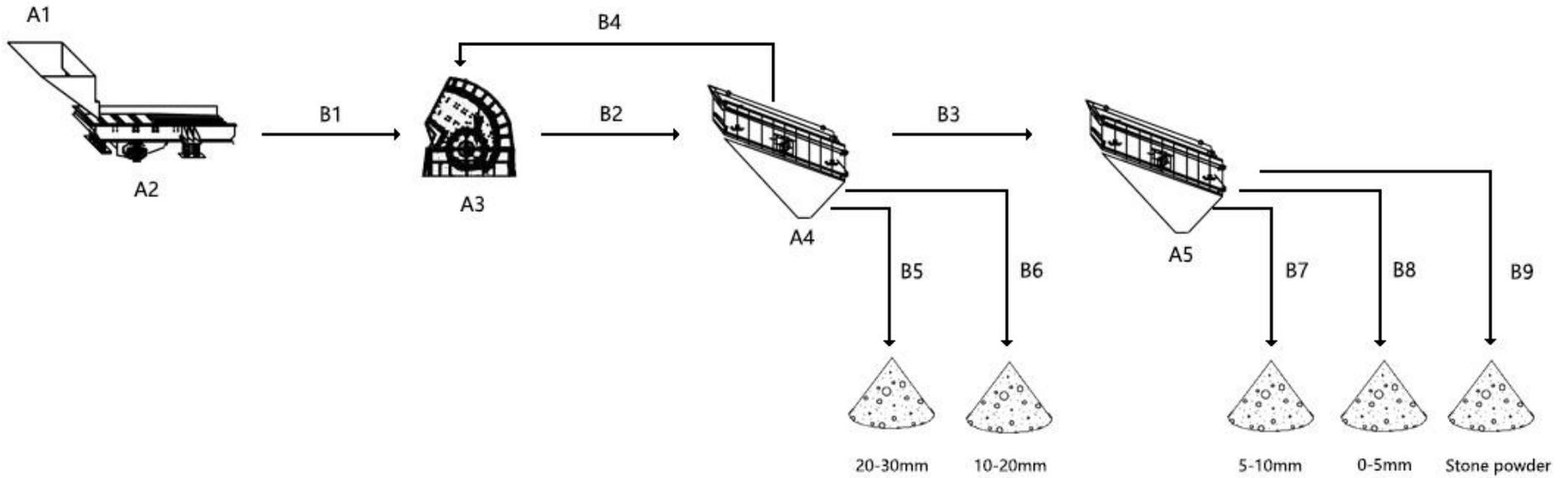
## 100 tph stone crusher plant

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# 100 tph stone crusher plant

100-140 t/h stone production line



## Main Equipment

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NO.	Equipment	Model	Set
1	Silo	-	1
2	Vibrating Feeder	DLZGC0938	1
3	Hammer crusher	DLPC0910	1
4	Vibrating screen	DL3YKZ3070S	1
5	Vibrating screen	DL2YKQ2460	1

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## Belt conveyor

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NO.	Equipment	Model	Set
1	Belt conveyor	B650	1
2	Belt conveyor	B650	1
3	Belt conveyor	B500	1
4	Belt conveyor	B500	1
5	Belt conveyor	B400	1
6	Belt conveyor	B400	1

7	Belt conveyor	B400	1
8	Belt conveyor	B400	1
9	Belt conveyor	B400	1

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## **Workflow**

The materials in the silo are evenly fed into the A3 hammer crusher for crushing processing by the A2 vibrating feeder. The crushed materials are then sent to the A4 three-layer circular vibrating screen for screening and grading by the B2 belt conveyor, which can obtain materials below 10mm, 10-20mm, 20-30mm, and materials above 30mm. Materials above 30mm are re fed into the hammer crusher for crushing by the B4 belt conveyor. Materials between 20-30mm are sent to the corresponding silo by the B5 belt conveyor, 10-20mm are sent to the corresponding silo by the B6 belt conveyor, and materials below 10mm are sent to the A5 two-layer circular vibrating screen for screening by the B3 belt conveyor, which can obtain 5-10mm materials, 0-5mm materials, and stone powder. Materials between 5-10mm are sent to the corresponding silo by the B7 belt conveyor, and materials between 0-5mm are sent to the corresponding silo by the B8 belt conveyor. Stone powder through B9 The belt conveyor is fed into the corresponding material bin.

## **Features of This Production Line Design**

This production line adopts a hammer crusher for crushing and processing, with relatively less equipment used for one-time crushing and forming. It has strong processing capacity and good discharge particle size, and can produce various specifications of sand and gravel aggregates. Low investment cost, relatively low comprehensive power consumption, small footprint, and simple operation.

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