

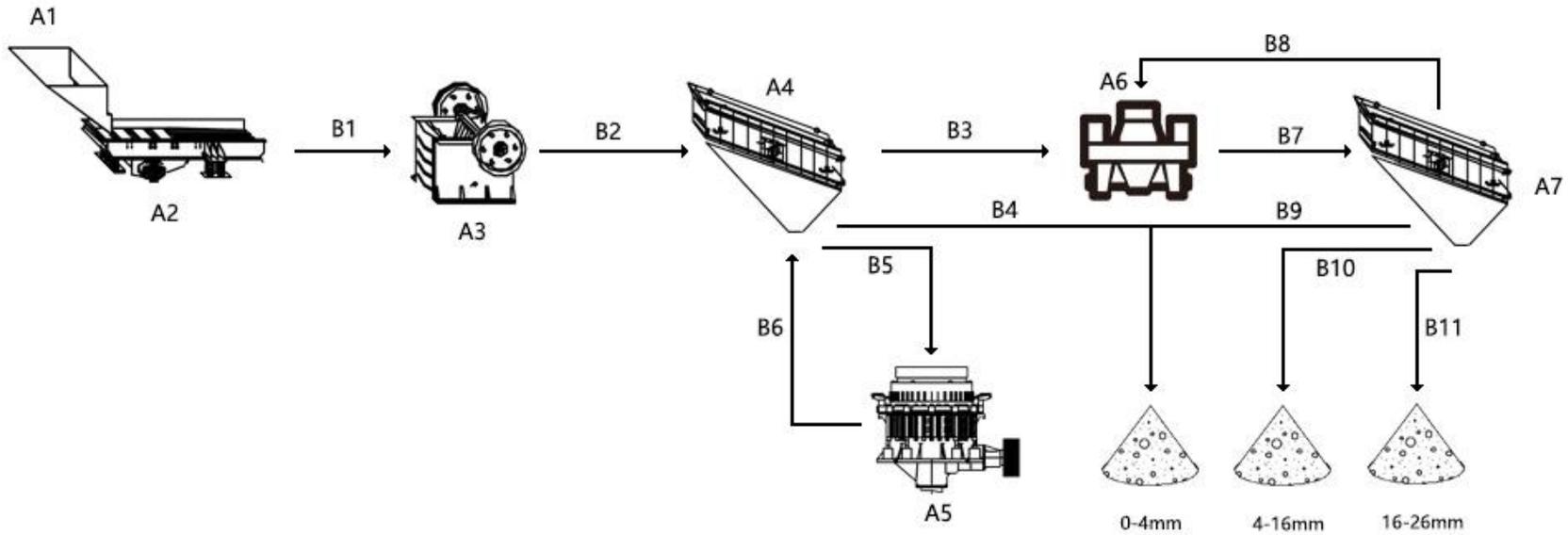
## 80 tph crusher plant

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# 80 tph crusher plant

80 t/h stone production line



## Main Equipment

NO.	Equipment	Model	Set
1	Silo	-	1
2	Vibrating Feeder	DLZGC0938	1
3	Jaw crusher	DLEV106	1
4	Vibrating screen	DL2YKZ3070	1
5	Cone crusher	DLDS420	1
6	Impact crusher	VSIS250	1
7	Vibrating screen	DL3YKQ2460	1

## Belt conveyor

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

5	Belt conveyor	B400	1
6	Belt conveyor	B400	1
7	Belt conveyor	B500	1
8	Belt conveyor	B400	1
9	Belt conveyor	B400	1
10	Belt conveyor	B400	1
11	Belt conveyor	B400	1

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## **Workflow**

The raw materials in the silo are evenly fed into the A3 jaw crusher for extrusion and crushing through the A2 vibrating feeder equipment. The crushed materials are sent to the A4 two-layer circular vibrating screen for screening operation through the B2 belt conveyor. 0-4mm stones, 4-35mm stones, and stones larger than 35mm can be obtained. 0-4mm stones are sent to the silo through the B4 belt conveyor, and stones larger than 35mm are sent to the A5 cone crusher for crushing processing through the B5 belt conveyor. The discharged materials are sent to the A4 circular vibrating screen for screening through the B6 belt conveyor. 4-35mm stones are sent to the A6 impact crusher for crushing processing through the B3 belt conveyor. The discharged materials are sent to the A7 three-layer circular vibrating screen for screening through the B7 belt conveyor, and 0-4mm stones, 4-16mm stones, 16-26mm stones, and stones larger than 26mm stones can be obtained. The sentence is: 0-4mm stone materials, 4-16mm stone materials, and 16-26mm stone materials are fed into the corresponding silos through corresponding belt conveyors. Stone materials larger than 26mm are returned to the A6 impact crusher for further crushing and processing through the B8 belt conveyor.

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

This production line adopts the processing methods of jaw crusher and cone crusher, with strong crushing capacity, wide applicability, and the ability to crush stone materials of various specifications and hardness. The output particle size is uniform, and the maintenance cost is low. The mechanism sand particles produced by the production line are round in shape and continuously graded, fully meeting the strict requirements for aggregates in high-speed railways, high-rise buildings, commercial concrete and other fields, which helps enterprises improve their product competitiveness and market premium ability.

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