



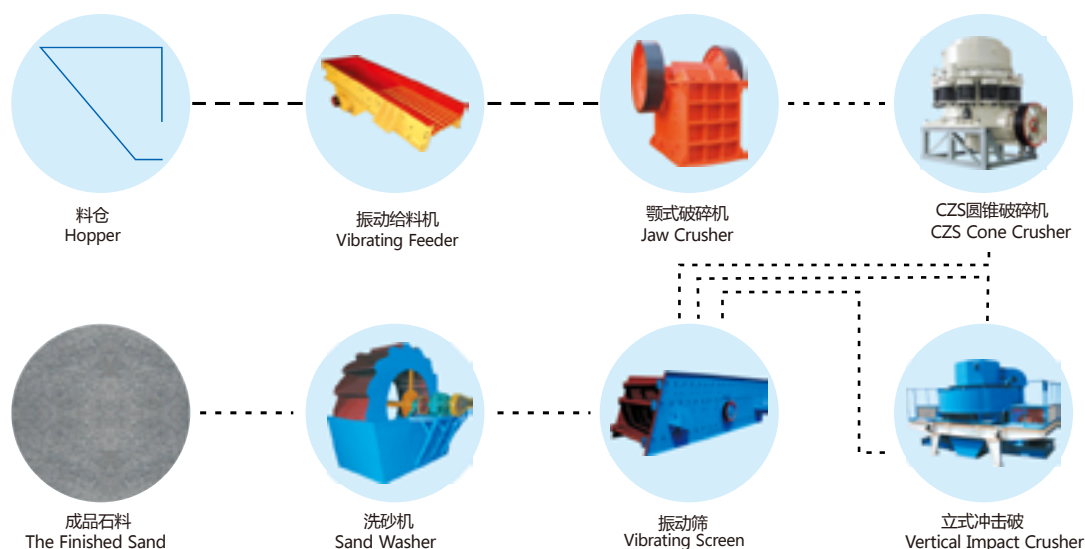
# Sand Making Line

## 制砂生产线

郑州市长城重工机械有限公司

我公司生产的制砂生产线主要由振动给料机、颚式破碎机、圆锥破碎机（或反击式破碎机）、立式冲击破碎机（制砂机）、振动筛、洗砂机、胶带输送机、电控系统等组成，可将石灰石、花岗岩、玄武岩、河卵石等物料加工成建设用砂子，设计产量30-300吨/小时。

The Sand Making Line of our company mainly includes Vibrating Feeder, Jaw Crusher, Cone Crusher (or Impact Crusher), Vertical Shaft Impact Crusher (Sand Maker), Vibrating Screen, Sand Washer, Belt Conveyor, Control System and so on. It can crush limestones, granite, basalt, river stones etc into sand for construction and building industry; capacity can be desinged from 30 to 300TPH.



### 备注 Note:

① "-----": 流槽; "——": 胶带输送机

"-----": chute; "——": belt conveyors.

② 以上为最常见的制砂生产线流程配置，可根据客户要求，提供多种不同生产线配置。

The drawing is an example about sand making configuration, we can provide different configuration.

### 制砂生产线流程

#### Process of Sand Making Line

大块石料经料仓由振动给料机均匀地送进颚式破碎机进行粗碎，粗碎后的石料由胶带输送机送入圆锥破碎机（或反击式破碎机）进行中碎，中碎后的石料由胶带输送机送进振动筛进行筛分，成品砂子（筛下物）由胶带输送机送至洗砂机清洗后再通过胶带输送机送至成品料堆；大颗粒石料（筛上物）由胶带输送机送至立式冲击破碎机（制砂机）进行细碎，细碎后的石料由胶带输送机再次送进振动筛进行筛分，这样形成闭路多次循环。

Raw materials in big size go trough hopper, and are sent to jaw crusher evenly by vibrating feeder for primary crushing. The crushed materials are sent to cone crusher (or impact crusher) by belt conveyor for secondary crushing, and then the crushed materials are sent to vibrating screen by belt conveyor for screening. The final sand (the final products below the bottom sieve) is sent to sand washer to clean, and then to the final products pile. The bigger pieces stones (stones on the top sieve) will be sent to vertical impact crusher (sand maker) for fine crushing, and then to vibrating screen again for screening. This forms closed and continuously automatic cycles.



### 制砂生产线性能特点 Feature of Sand Making Line

- 1.操作简单，使用方便；
- 2.生产效率高，运行成本低；
- 3.成品砂粒形好；
- 4.成品砂级配合，细度模数可调。

- 1.Easy in operation and convenient in usage.
- 2.High productivity and low investment.
- 3.Good grain shape for end products.
- 4.The sand can be screened in to different grade and the size of sand can be adjustable.



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