



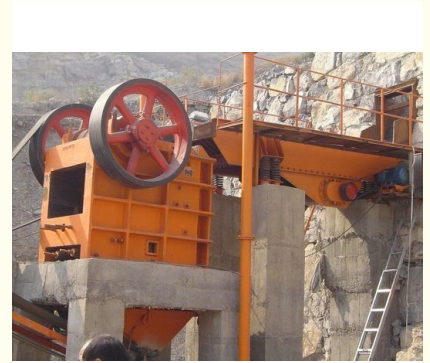
## Vibrating Screening Plan Stone Crushing Machine

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Ascend
- Certification: ISO9001
- Model Number: PE200x300 PE220x350 PE250x400 PE400x600
- Minimum Order Quantity: 1 set
- Price: USD 15000-25000
- Packaging Details: Wooden box or put in container
- Delivery Time: 7-10 working days
- Payment Terms: T/T, Western Union, MoneyGram, L/C
- Supply Ability: 50 Sets per month

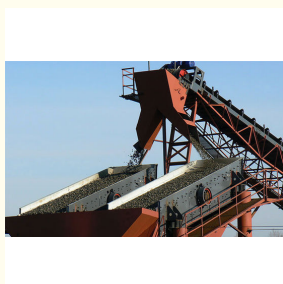


### Product Specification

- Name: Jaw Crusher, Vibrating Screen
- Function: Stone Crashing
- Type: Fixed Or Portable Jaw Crusher
- Condition: New
- Warranty: 1 Year
- After-sales Service Provided: Engineers Available To Service Machinery Overseas
- Capacity(t/h): 70-130
- Application: Quarry, Mining
- Highlight: **quartzite crushing stone jaw crusher, Vibrating stone crushing machine**



### More Images



## Product Description

### 30 ton per hour pebble stone crushing and screening plant

A South American customer is planning to build a small stone production line. After the joint efforts of our business and engineering team, we successfully help the customer build a 30-ton per hour river stone crushing and screening production plant.

#### Customer Requirements:

**Raw material:** pebble stone

**Input Material size:** 350mm

**Final Products:** 0-4mm, 4-13mm, 13-19mm, 19-25mm four kinds of coarse sand and gravels.

**Production Process:** This production plant adopts coarse crushing, medium crushing and screening processes to produce four types of sand and gravel products. The specific process is to use truck to put the raw material into the hopper, and then raw stone is conveyed into the coarse crushed jaw crusher through the vibrating feeder. After being crushed, it is transported to the medium fine crushing PEX series jaw crusher by the belt conveyor, and then the crushed stone is conveyed to the vibrating screen through the belt conveyor. The qualified output sizes are screened out and conveyed by the conveyor. The over sized aggregates are returned back to the fine jaw crusher for recrushing. This process forms into a close circuit and work continuously.

#### The main line of this production line is:

1 set of PE400×600 jaw crusher;

2 sets of PEX250×1000 jaw crusher;

1 set of 3YK1237 circular vibrating screen;

Auxiliary equipment: Vibrating feeder, belt conveyors form a production line.

#### Jaw crusher specifications

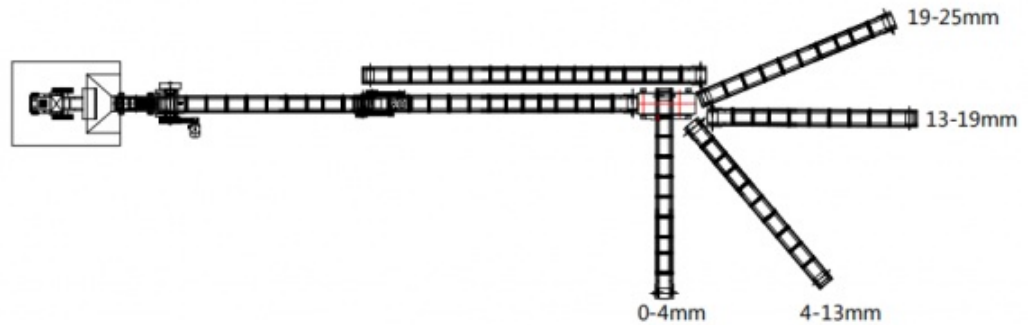
Model	Feed opening (mm)	Max.feeding size (mm)	Adjusting range of discharge opening (mm)	Processing capacity (t/h)	Rotation speed of eccentric shaft (r/min)	Motor power (kw)	Total weight (t)	Dimensions (L×W×H) (mm)
PE-150×250	150×250	125	10-40	1-3	250	4P 5.5	0.8	720×660×850
PE-200×300	200×300	180	15-50	2-6	260	4P 7.5	1.2	910×750×990
PE-200×350	200×350	180	18-70	3-10	260	4P 11	1.5	1000×870×990
PE-250×400	250×400	210	20-60	5-20	300	6P 15	2.8	1300×1090×1270
PE-400×600	400×600	340	40-100	16-60	275	6P 30	7	1730×1730×1630
PE-500×750	500×750	425	50-100	40-110	275	6P 55	12	1980×2080×1870
PE-600×750	600×750	500	150-200	80-240	275	6P 55	15.8	2070×2000×1920
PE-600×900	600×900	500	65-160	50-180	250	6P 55	17	2190×2206×2300
PE-750×1060	750×1060	630	80-140	110-320	250	8P 110	29	2660×2430×2800
PE-800×1060	800×1060	640	130-190	130-330	250	8P 110	29.8	2710×2430×2800
PE-830×1060	830×1060	650	160-220	150-336	250	8P 110	30.7	2740×2430×2800
PE-870×1060	870×1060	660	200-260	190-336	250	8P 110	31.5	2810×2430×2800
PE-900×1060	900×1060	685	230-290	230-390	250	8P 110	33	2870×2420×2940
PE-900×1200	900×1200	750	95-165	220-450	200	8P 110	52	3380×2870×3330



The detailed flow chart is as follows:




A side-view schematic diagram of a mobile crane. The crane is shown on a horizontal ground line. At the rear (left), a tractor unit is labeled '1'. A counterweight is labeled '2'. The main boom is labeled '3'. A jib is labeled '4'. A hydraulic cylinder is labeled '5'. A pulley system is labeled '6'. A cable is labeled '7'. A hook is labeled '8'. A load is labeled '9'.


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The design of this project is simple and the selected equipment is mature and stable. After 20 working days of production in the Chinese factory, it is delivered on time. The post-installation and commissioning work progressed smoothly. It was successfully put into operation at the end of November, and the sand and gravel products produced satisfies the needs of the local small-scale construction market. The production and sales of the factory are booming.

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