

The logo for JOYAL, featuring a stylized orange and black circular icon to the left of the word "JOYAL" in a bold, black, sans-serif font.

JOYAL

Vibrating Screen

Aggregate Plants



Vibrating Screen

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Vibrating Screen

Usage and Application

This vibrating screen moves round with multi-layers and high efficiency. It can screen the materials into multiple levels products according to the different material size. It is widely used for grading and screening in the industry of mining, building materials, transportation, energy, and chemical industry, etc.





working Principle

The motor drives the vibrator via v-belt, which makes the screen do a cyclical reciprocating in the direction of vibrator. The materials are sieved by making round movement in the screen.

Features

1. Long flowing line and various screening specifications.
2. Using the eccentric blocks to generate strong vibrating force.
3. Screen cross-beam and box are connected by strong bolts, simple structure, convenient in maintenance.
4. Small amplitude, high frequency, large-inclination structure, high efficiency, large capacity, long service life, low power consumption and noise



Crushing Plant >> E-Mail:joyal@crusherinc.com >> Http://www.joyalcrusher.com



The JOYAL Crushing plant includes vibrating feeder, jaw crusher, impact crusher or cone crusher, vibrating screen, belt conveyor and centrally electric controlling system, etc. The designed capacity is from 40t/h to 600t/h. To meet customer's specific requirement for the stone crushing, we can also add other equipments such as cone crusher, dust catcher on the crushing plant.

Process of Crushing Plant

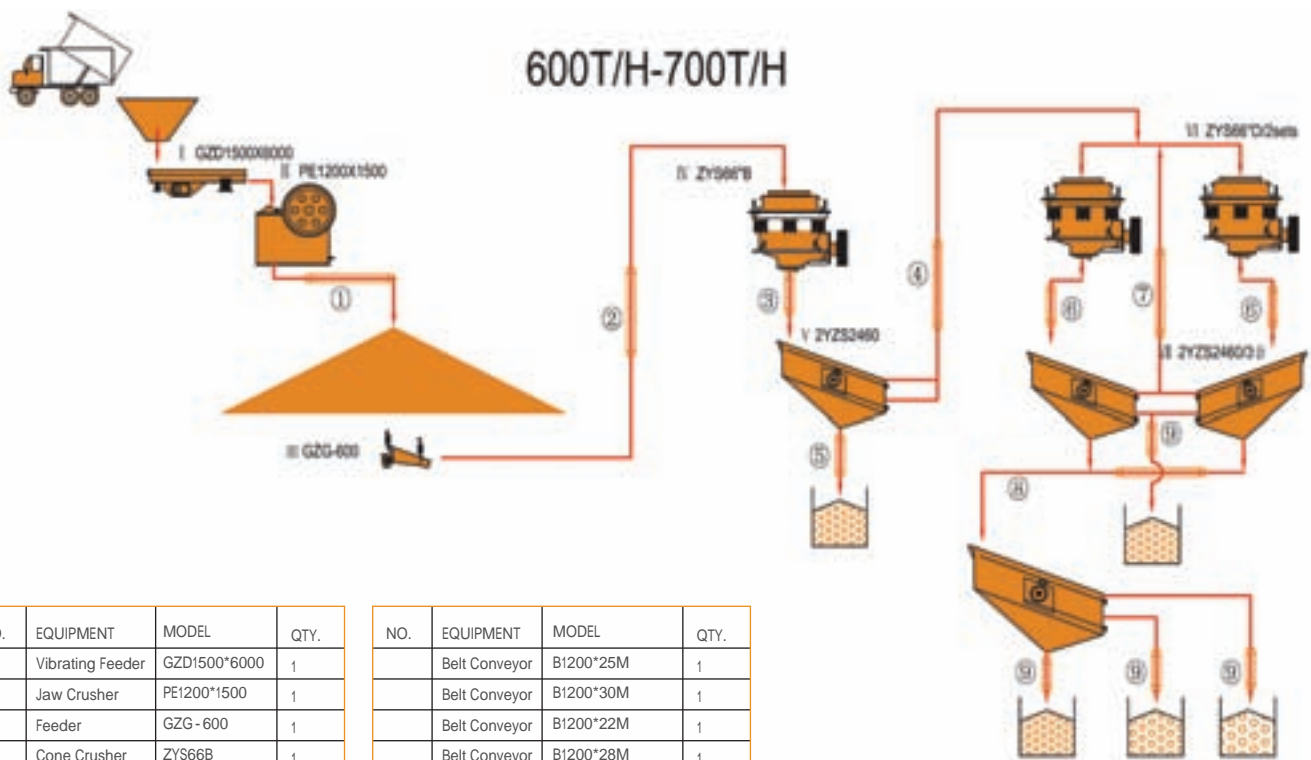
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The Big materials are fed to the jaw crusher evenly and gradually by vibrating feeder through a hopper for the primary crushing.

After first crushing, the material will transferred to impact crusher or cone crusher by belt conveyor for secondary crush; the crushed materials will then transferred to vibrating screen for separating.

After being separated, the parts that can meet standard will be taken away as final products, while the other parts will be returned to impact crusher, thus forming a closed circuit.

Size of final products can be combined and graded according to customer's specific requirement. We can also equip dust catcher system to protect environment.



NO.	EQUIPMENT	MODEL	QTY.
	Vibrating Feeder	GZD1500*6000	1
	Jaw Crusher	PE1200*1500	1
	Feeder	GZG-600	1
	Cone Crusher	ZY66B	1
	Vibrating Screen	ZY2S2460	1
	Cone Crusher	ZY66D	2
	Virbrating Screen	ZY2S2460	3

NO.	EQUIPMENT	MODEL	QTY.
	Belt Conveyor	B1200*25M	1
	Belt Conveyor	B1200*30M	1
	Belt Conveyor	B1200*22M	1
	Belt Conveyor	B1200*28M	1
	Belt Conveyor	B800*20M	4
	Belt Conveyor	B800*22M	2
	Belt Conveyor	B650*28M	1
	Belt Conveyor	B800*(7+23)M	1
	Belt Conveyor	B650*18M	4

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MAIN SPECIFICATIONS

Model	Item	Screen Size(mm)	Screen Decks	Screen Hole Size(mm)	Max. Feeding Size(mm)	Capacity (t/h)	Motor Power (kw)	Weight (t)	Overall Dimension (mm)
2YZS1237		3700×1200	2	3-50	200	10-80	11	2.40	4773×2050×2247
3YZS1237		3700×1200	3	3-50	200	10-80	11	3.05	4773×2050×2700
2YZS1548		4800×1500	2	3-100	400	30-200	15	5.35	5900×2270×1620
3YZS1548		4800×1500	3	3-100	400	30-200	15	6.07	5900×2270×1670
2YZS1848		4800×1800	2	3-100	400	50-280	18.5	6.15	5900×2560×1620
3YZS1848		4800×1800	3	3-100	400	50-280	18.5	6.93	5900×2560×1670
2YZS1860		6000×1800	2	3-100	400	65-550	22	6.95	7060×2560×1620
3YZS1860		6000×1800	3	3-100	400	65-550	22	7.70	7060×2560×1670
4YZS1860		6000×1800	4	3-100	400	65-550	30	8.70	7060×2560×1930
2YZS2160		6000×2100	2	3-100	400	81-720	22	8.48	7130×2990×1760
3YZS2160		6000×2100	3	3-100	400	81-720	30	9.24	7130×2990×1810
4YZS2160		6000×2100	4	3-100	400	81-720	30	10.45	7130×2990×1930
2YZS2460		6000×2400	2	3-150	400	100-810	30	12.35	7130×4121×1810
3YZS2460		6000×2400	3	3-150	400	100-810	37	13.85	7130×4121×1940
4YZS2460		6000×2400	4	3-150	400	100-810	37	15.60	7130×4121×2080

Note: Any change of technical data shall not be advised additionally.