



# *Crushing Plant*

*Aggregate Plants*



Shanghai Joyal Mining Machinery Co., Ltd

# Crushing Plant

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## • Preface

### Jaw & Impact Crushing Plant

- ▶ 40-60 TPH 80-100 TPH
- ▶ 150-160 TPH
- ▶ 180-200 TPH
- ▶ 250-300 TPH

### Jaw & Cone Crushing Plant

- ▶ 40-60 TPH
- ▶ 80-100 TPH
- ▶ 180-200 TPH
- ▶ 250-300 TPH



# Crushing Plant

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## • Profile

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.

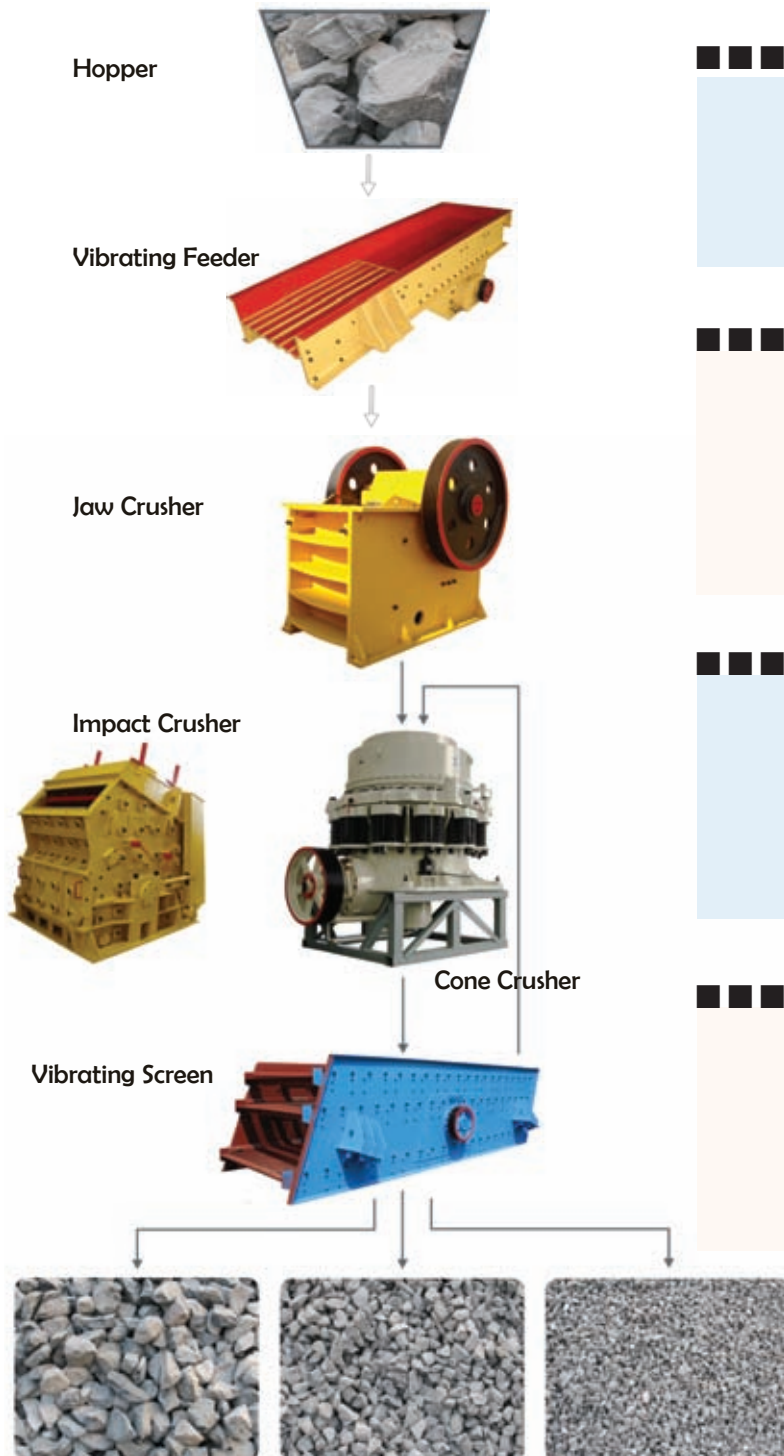


## Crushing Plant



# 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.



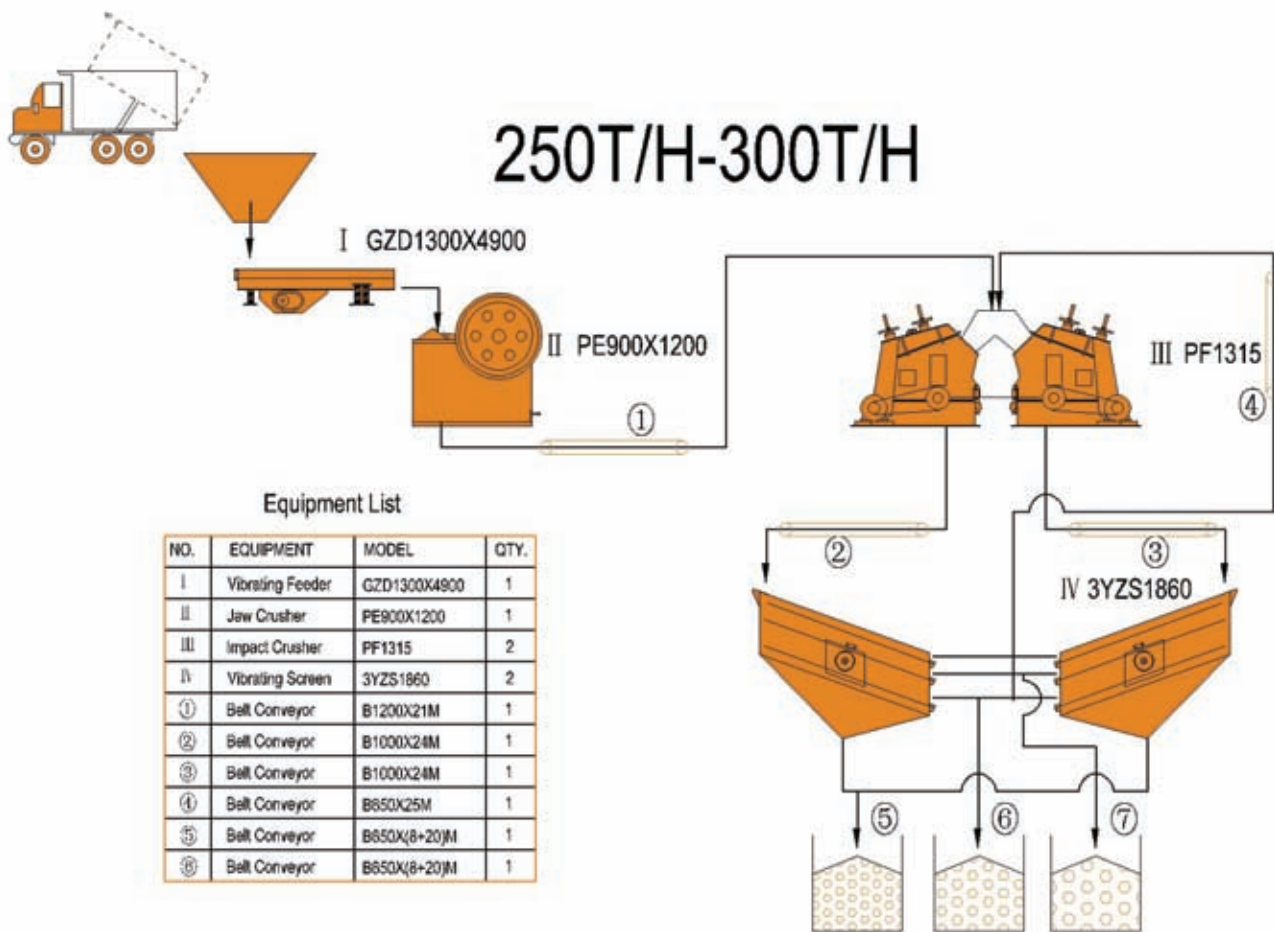
Size of final products can be combined and graded according to customer's specific requirement. We can also equip dust catcher system to protect environment.

# Jaw & Impact Crushing Plant

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## >> 250-300 TPH

The 250-300 TPH Jaw & Impact Crushing Plant includes **vibrating feeder GZD1300X4900**, jaw crusher PE900X1200, impact crusher PF1315, vibrating screen 3YZS1860, belt conveyor and centrally electric controlling system, etc. The designed capacity is from 250t/h to 300t/h. To meet customer's specific requirement, we can also add other equipments such as cone crusher, dust catcher on the crushing plant.



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## >> Process of 250-300 TPH Jaw & Impact Crushing Plant

Big materials are fed to the jaw crusher evenly and gradually by vibrating feeder through a hopper for primary crushing. After first crushing, the material will transferred to impact 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 Cone crusher, thus forming a closed circuit.

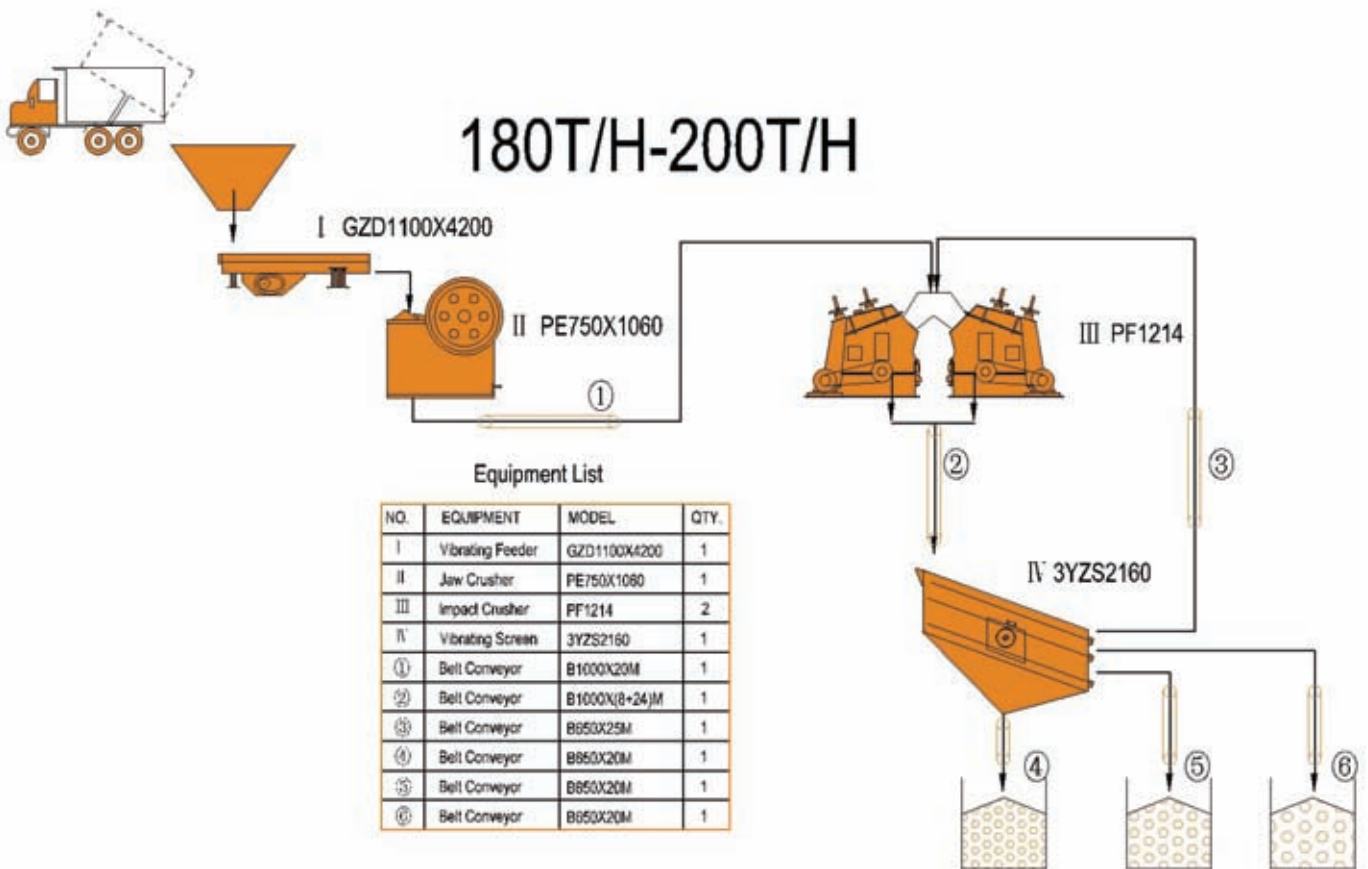
Size of final products can be combined and graded according to customer's specific requirement. We can also equip dust catcher system to protect environment.

★★★★★★★★★ *Crushing Plant* ★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★



## >> 180-200 TPH

The 180-200 TPH Jaw & Impact Crushing Plant includes vibrating feeder GZD1100X4200, jaw crusher PE750X1060, impact crusher PF1214, vibrating screen 3YZS2160, belt conveyor and centrally electric controlling system, etc. The designed capacity is from 180t/h to 200t/h. To meet customer's specific requirement, we can also add other equipments such as cone crusher, dust catcher on the crushing plant.



## Process of 180-200 TPH Jaw & Impact Crushing Plant

- ▶ Big materials are fed to the jaw crusher evenly and gradually by vibrating feeder through a hopper for primary crushing.
- ▶ After first crushing, the material will transferred to impact 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 Cone 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.



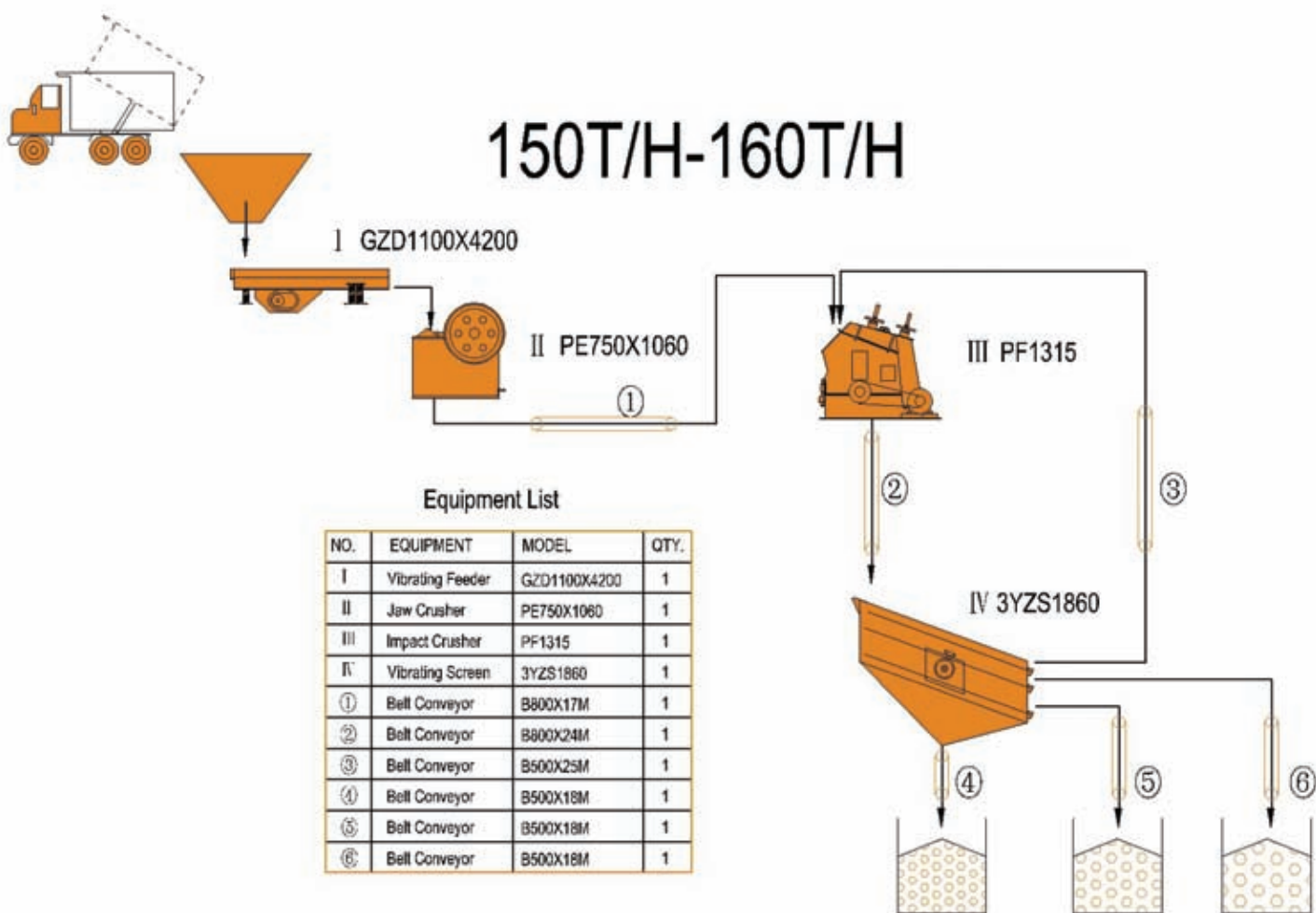


# Jaw & Impact Crushing Plant

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## >> 150-160 TPH

The 150-160 TPH Jaw & Impact Crushing Plant includes vibrating feeder GZD1100X4200, jaw crusher PE750X1060, impact crusher PF1315, vibrating screen 3YZS1860, belt conveyor and centrally electric controlling system, etc. This designed capacity is from 150t/h to 160t/h. To meet customer's specific requirement, we can also add other equipments such as cone crusher, dust catcher on the crushing plant.



# Jaw & Impact Crushing Plant

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## >> Process of 150-160 TPH Jaw & Impact Crushing Plant

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

After first crushing, the material will transferred to impact 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 Cone 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.

## ★★★★★★★★★ *Crushing Plant* ★★★★★★★★★

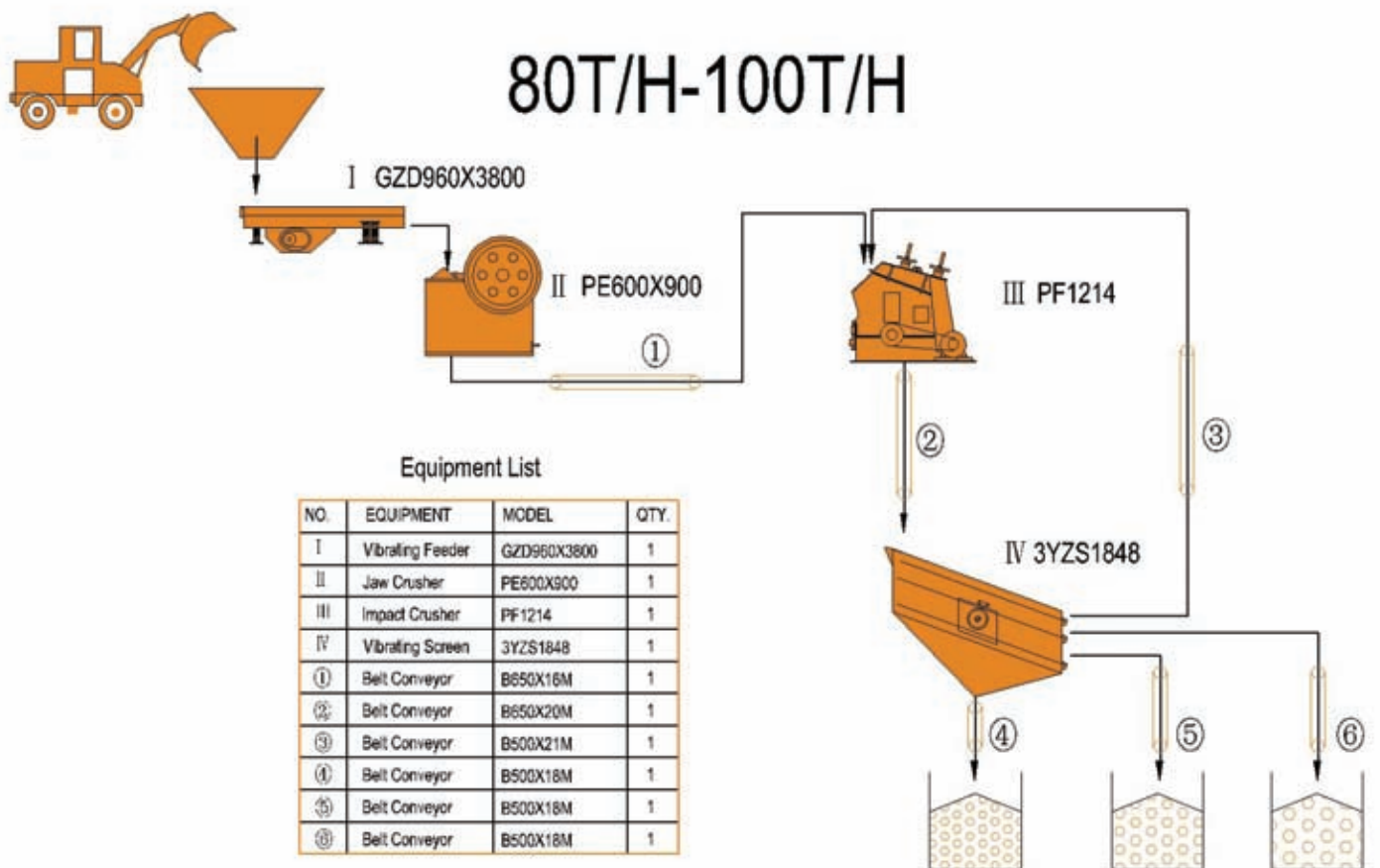


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## >> 80-100 TPH

The 80-100 TPH Jaw & Impact Crushing Plant includes vibrating feeder GZD960X3800, jaw crusher PE600X900, impact crusher PF1214, vibrating screen 3YZS1848, belt conveyors and centrally electric controlling system, etc. The designed capacity is from 80t/h to 100t/h.

To meet customer's specific requirement, we can also add other equipments such as cone crusher, dust catcher on the crushing plant.



## Process of 80-100 TPH Jaw & Impact Crushing Plant

- ▶ Big materials are fed to the jaw crusher evenly and gradually by vibrating feeder through a hopper for primary crushing.
- ▶ After first crushing, the material will transferred to impact 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 Cone 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.

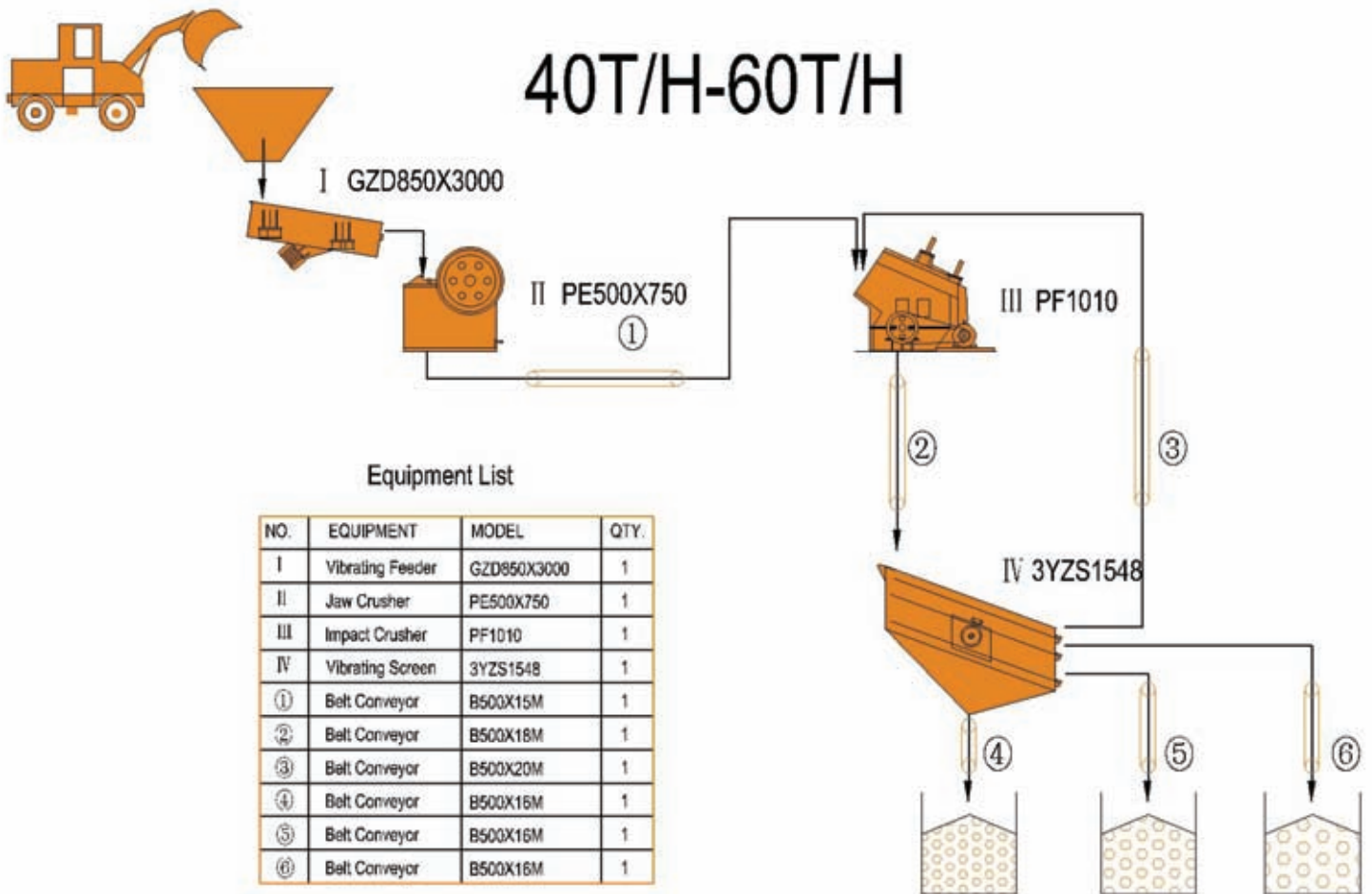


# Jaw & Impact Crushing Plant

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## >> 40-60 TPH

The 40-60 TPH Jaw & Impact Crushing Plant includes vibrating feeder GZD850X3000, jaw crusher PE500X750, impact crusher PF1010, vibrating screen 3YZS1548, belt conveyor and centrally electric controlling system, etc. This designed capacity is from 40t/h to 60t/h. To meet customer's specific requirement, we can also add other equipments such as cone crusher, dust catcher on the crushing plant.



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### >> Process of 40-60 TPH Jaw & Impact Crushing Plant

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

After first crushing, the material will transferred to impact 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 Cone crusher, thus forming a closed circuit.

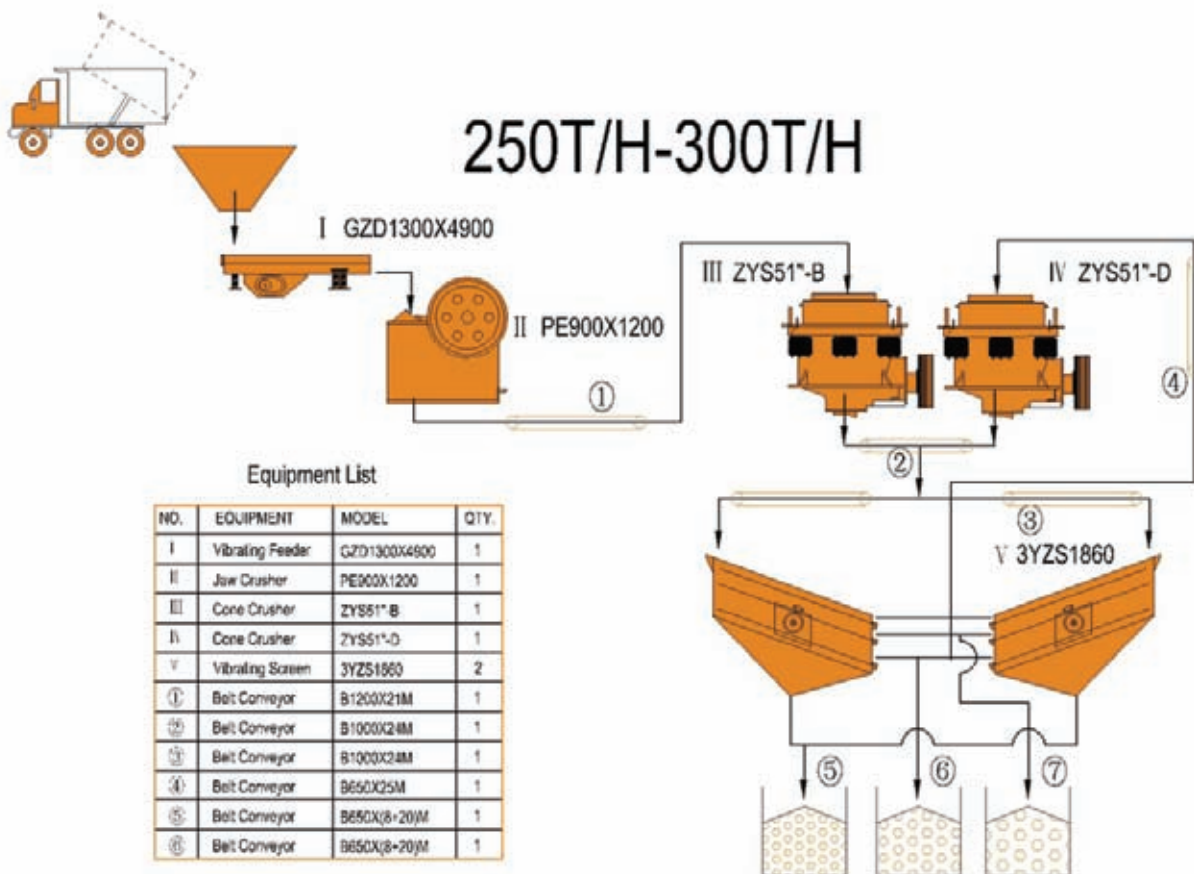
Size of final products can be combined and graded according to customer's specific requirement. We can also equip dust catcher system to protect environment.

★★★★★★★★★★★ *Crushing Plant* ★★★★★★★★★★★★



■ **250-300 TPH**

- >> The 250-300 TPH Jaw & Cone Crushing Plant includes vibrating feeder GZD1300X4900, jaw crusher PE900X1200, cone crusher ZYS51-B,ZYS51-D, vibrating screen 3YZS1860, belt conveyor and centrally electric controlling system, etc.
- >> This designed capacity is from 50t/h to 500t/h.
- >> To meet customer's specific requirement, we can also add other equipments such as impact crusher, dust catcher on the crushing plant.



## ■ Process of 250-300 TPH Jaw & Cone Crushing Plant

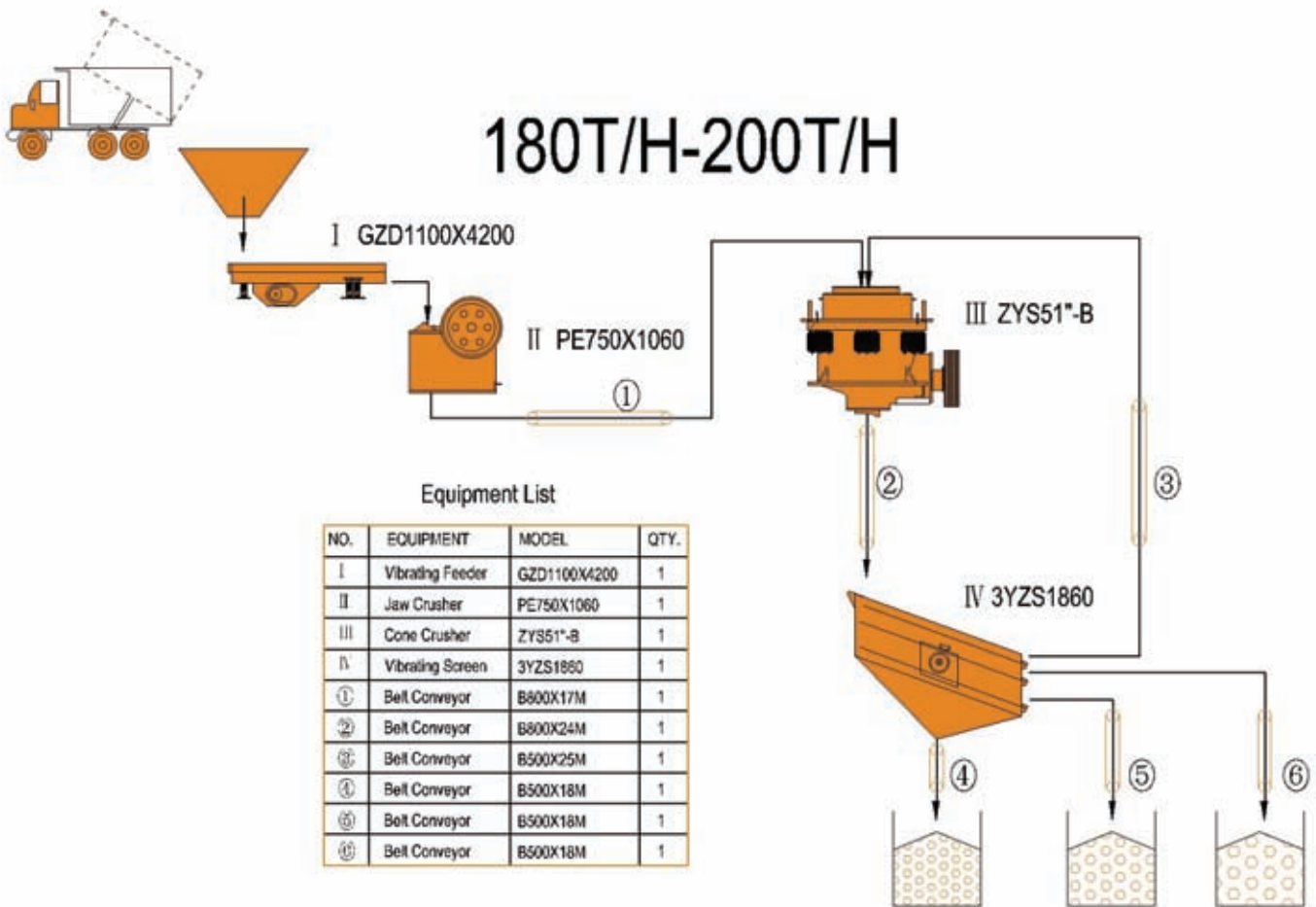
- >> Big materials are fed to the jaw crusher evenly and gradually by vibrating feeder through a hopper for primary crushing.
- >> After first crushing, the material will transferred to cone crusher by belt conveyor for secondary crush; the crushed materials will then transferred to vibrating screen 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.





# Jaw & Cone Crushing Plant

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## 180-200 TPH

- ▶ The 180-200 TPH Jaw & Cone Crushing Plant includes vibrating feeder GZD1100X4200, jaw crusher PE750X1060, cone crusher ZYS51-B, vibrating screen 3YZS1860, belt conveyor and centrally electric controlling system, etc.
- ▶ This designed capacity is from 180t/h to 200t/h.
- ▶ To meet customer's specific requirement, we can also add other equipments such as impact crusher, dust catcher on the crushing plant

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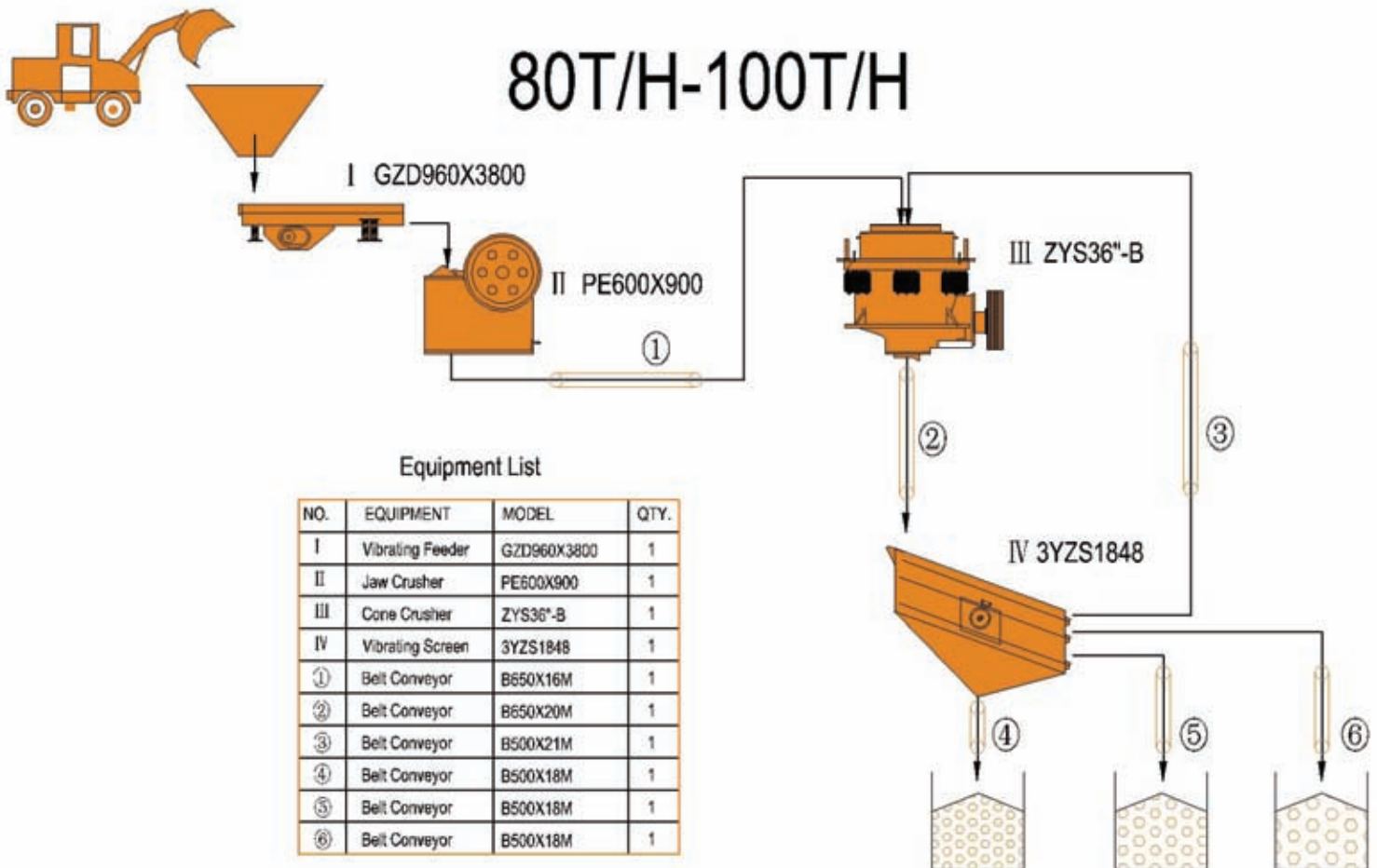
## ■ ■ ■ Process of 180-200 TPH Jaw & Cone Crushing Plant

- ▶ Big materials are fed to the jaw crusher evenly and gradually by vibrating feeder through a hopper for primary crushing.
- ▶ After first crushing, the material will transferred to 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.



## ■ 80-100 TPH

- >> The 80-100 TPH Jaw & Cone Crushing Plant includes vibrating feeder GZD960X3800, jaw crusher PE600X900, cone crusher ZYS36-B, vibrating screen 3YZS1848, belt conveyor and centrally electric controlling system, etc.
- >> The designed capacity is from 80t/h to 100t/h.
- >> To meet customer's specific requirement, we can also add other equipments such as impact crusher, dust catcher on the crushing plant.



## ■ **Process of 80-100 TPH Jaw & Cone Crushing Plant**

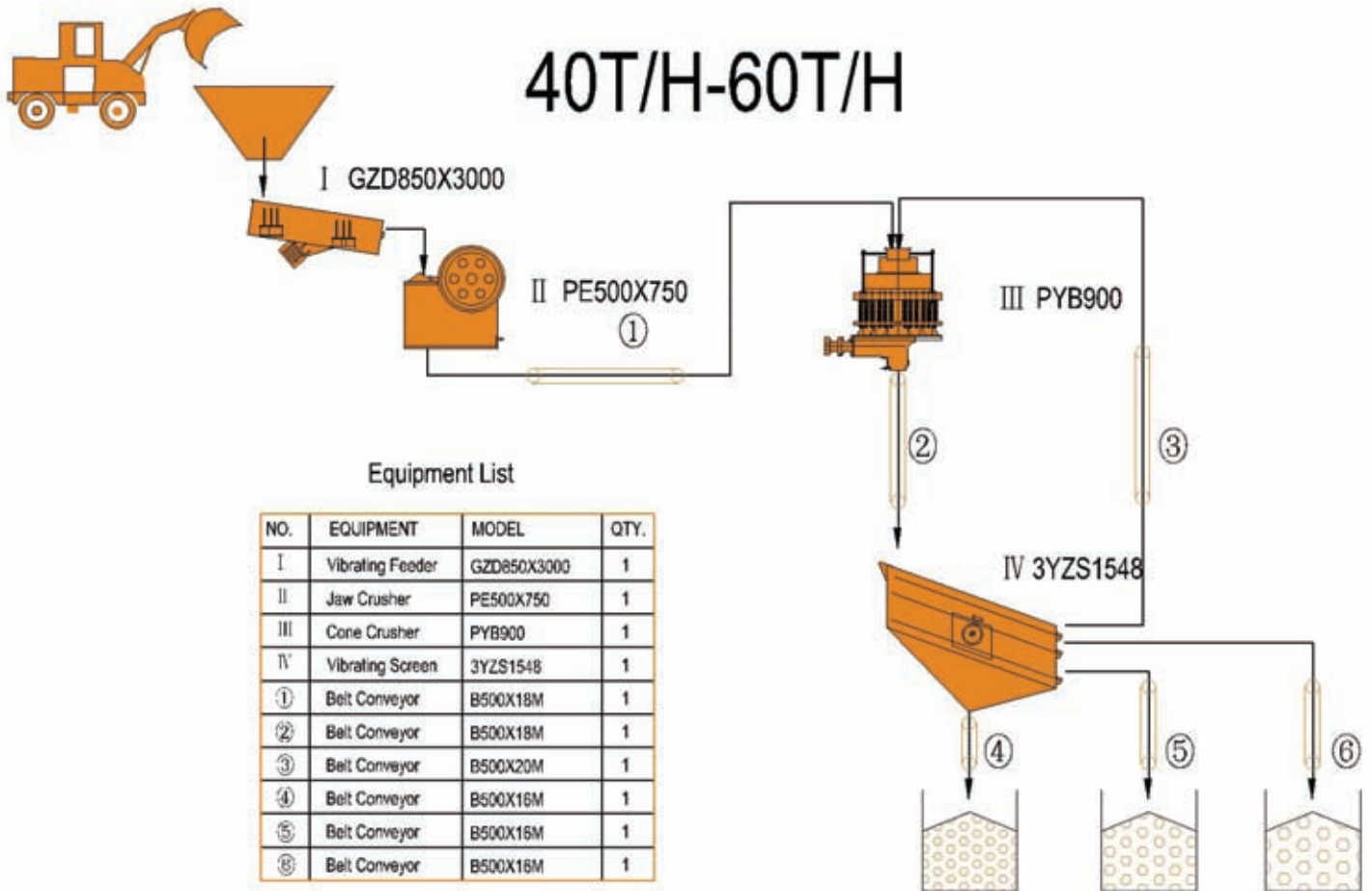
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- >> Big materials are fed to the jaw crusher evenly and gradually by vibrating feeder through a hopper for primary crushing.
  
- >> After first crushing, the material will transferred to cone crusher by belt conveyor for secondary crush; the crushed 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.
  
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# Jaw & Cone Crushing Plant

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## 40-60 TPH

- ▶ The 40-60 TPH Jaw & Cone Crushing Plant includes vibrating feeder GZD850X3000, jaw crusher PE500X750, cone crusher PYB900, vibrating screen 3YZS1548, belt conveyor and centrally electric controlling system, etc.
- ▶ The designed capacity is from 40t/h to 60t/h.
- ▶ To meet customer's specific requirement, we can also add other equipments such as impact crusher, dust catcher on the crushing plant.

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## ■ ■ ■ Process of 40-60 TPH Jaw & Cone Crushing Plant:

- ▶ Big materials are fed to the jaw crusher evenly and gradually by vibrating feeder through a hopper for primary crushing.
- ▶ After first crushing, the material will transferred to 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.



# Images of Crushing Plant

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