



## Gravity Processing Plant Chrome Ball Mill Crusher

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Ascend
- Certification: CE/ISSO9001
- Model Number: 900x1200, 1200x1500 1500x3000  
1830x3000
- Minimum Order Quantity: 1 set
- Price: USD 3500-30000 Per set
- Packaging Details: Water and rust proof in wooden box or cotainer
- Delivery Time: 7-10 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10 set per month

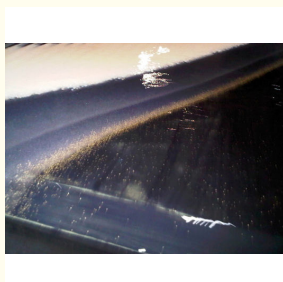


### Product Specification

- Material: Chrome Ore
- Application: Mining,mine
- Product Name: Ball Mill Grinding And Flotation Plant
- Power: 75KW
- Type: Wet Grinding Process
- Warranty: One Year
- Voltage: 380V
- After Sales Service: Provided
- Highlight: **chrome ore Ball Mill Crusher , Gravity Processing coal ball mill, Gravity Processing Ball Mill Crusher**



### More Images



## Product Description

### Chrome Ore crushing grinding and beneficiation Processing Plant:

Gravity separation is the main beneficiation method of chrome ore, and the equipment is jaw crusher, ball mill, shaking table, spiral classifier, centrifugal concentrator and spiral chute, etc.

Sometimes it will also use weak magnetic separation or strong magnetic separation for re-separation, thus further improving the chromium concentrate grade and chromium-iron ratio. In addition, some mines will also use flotation and flocculation flotation methods.

#### Jaw crusher



Model	Feeding mouth size (mm)	Max Feeding size (mm)	Adjusting range of output size (mm)	Capacity (t/h)	rotation speed (r/min)	Power (kw)	Weight (t)	Dimension (L×W×H) (mm)
PE-150×250	150×250	125	10-40	1-3	260	5.5	0.7	1000×870×990
PE-200×300	200×300	180	15-50	2-6	260	7.5	1	1050×920×990
PE-220×350	220×350	200	18-55	4-10	260	11	1.3	1100×970×990
PE-250×400	250×400	210	20-60	5-20	300	15	2.8	1300×1090×1270
PE-400×600	400×600	340	40-100	16-60	275	30	7	1730×1730×1630
PE-500×750	500×750	425	50-100	40-110	275	55	12	1980×2080×1870
PE-600×900	600×900	500	65-160	50-180	250	55	17	2190×2206×2300
PE-750×1060	750×1060	630	80-140	110-320	250	110	31	2660×2430×2800
PE-900×1060	900×1060	685	230-290	230-390	250	110	33	2870×2420×2940

PE-900×1200	900×1200	750	95-165	220-450	200	110	52	3380×2870×3330
PE-								
PEX-150×750	150×750	120	18-48	8-25	320	15	3.8	1200×1530×1060
PEX-250×750	250×750	210	25-60	13-35	330	30	5.5	1380×1750×1540
PEX-250×1000	250×1000	210	25-60	16-52	330	30	7	1560×1950×1390

### Chrome Ore Mining Process

For chromite beneficiation, there are many methods such as gravity separation, flotation and magnetic separation. We will give the final beneficiation method based on the ore analysis report and beneficiation test report, etc. The main process of commonly used gravity separation is:

1. The chrome ore with qualified fineness after crushing and grinding will send to spiral classifier for cleaning and grading by relying on principle of different proportion of solid particles and the velocity of settling in liquids. Then being sent to jigger and shaking table.

#### Ball mill



2. Using spiral chute to separate fine fineness mineral powder.

3. After separated by spiral chute, the fine mineral powder will be sent to flotation machine or magnetic separator. The ore concentrate entering flotation machine will be dehydrated by thickener

4. The wet concentrate will be sent to rotary dryer for drying, thus getting the wet ore concentrates or returning to ball mill for re-grinding.


### Customer Case Of Chromite Beneficiation Plant


In 2016, we designed a gravity separation process for one of our customers who has chromite mine with ore grade of more than 30%. His ore belongs to rich ore, but there also has poor chromium ore with different grade. Therefore, our company deeply studied the ore processing technology and selected the proper equipment for our customers. Under the grinding granularity of 200mesh in 60%, the customer finally obtained refined chrome ore with the grade of 39.9%. The chromium recovery rate is up to 64.56%.

Please feel free to contact us to get the price of our chrome ore processing plant. Our professional engineer will customize a solution for you according to your specific requirements.

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