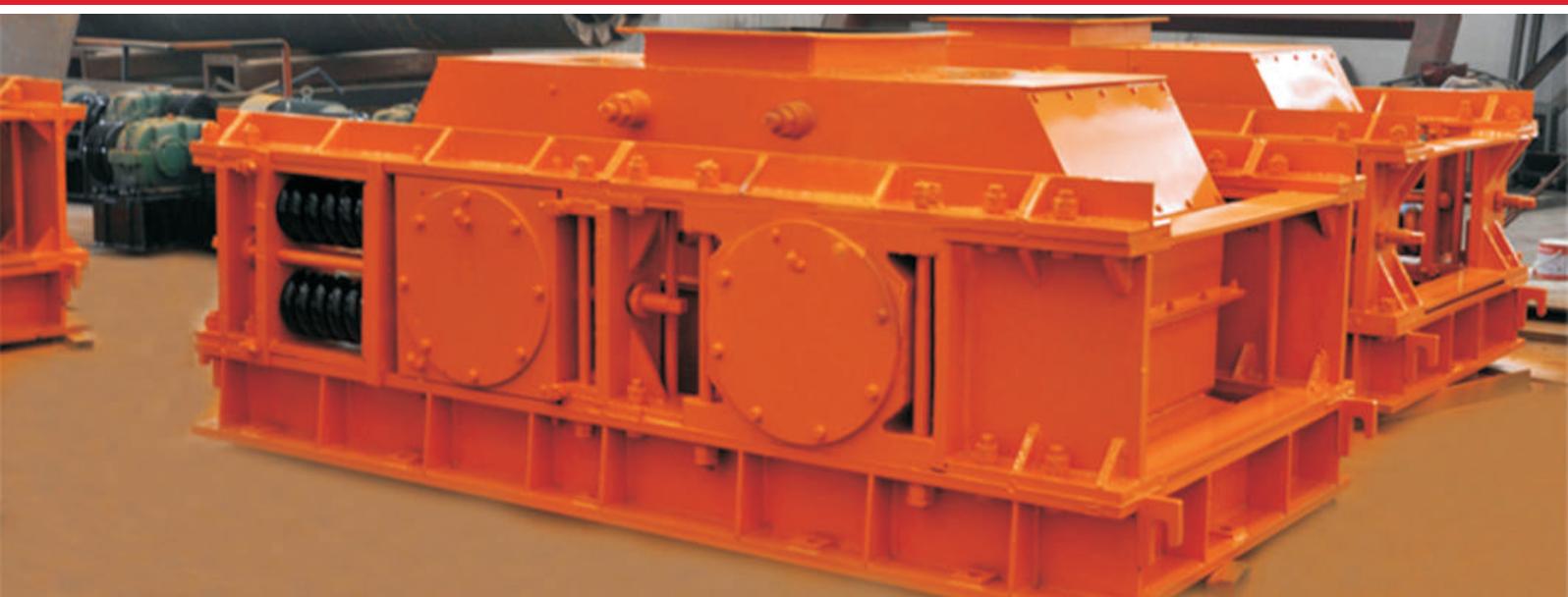


HXJQ[®]

China Largest Mining Machinery
Manufacturer

Operating Instruction

ROLLER CRUSHER

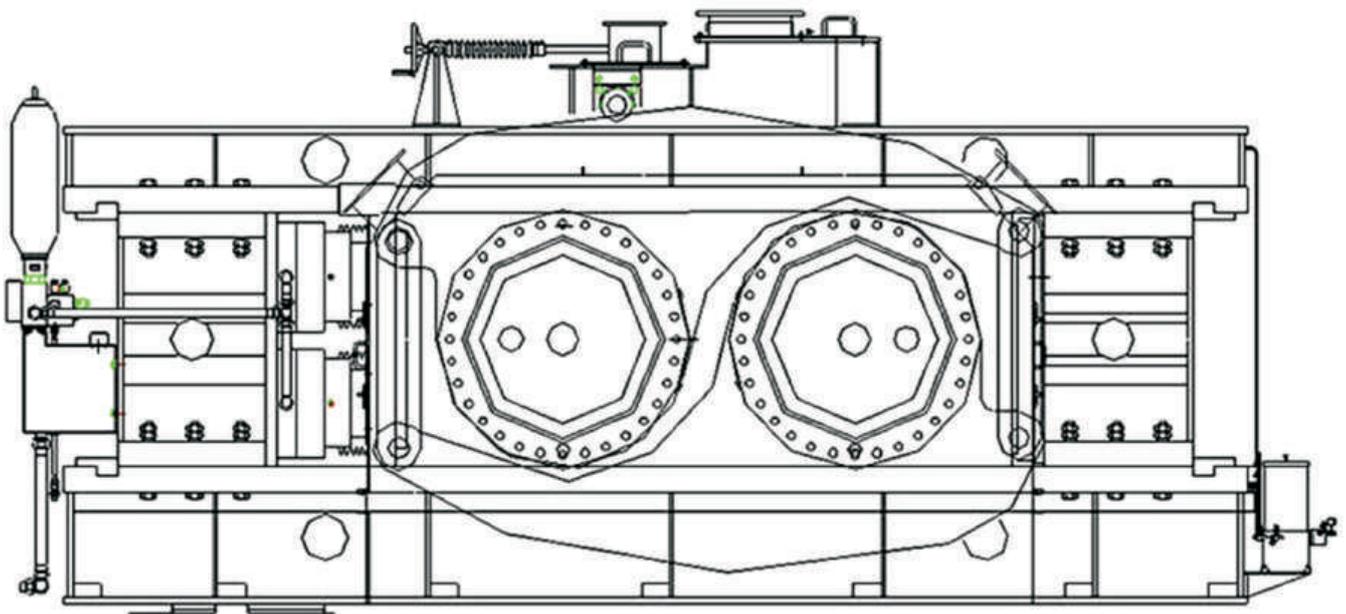


Henan Hongxing Heavy Machinery Co., Ltd.

The Application and Description of Roller Crusher:

Roller crusher is suitable for crushing raw coal in coal, metallurgy, mine, chemistry and building materials industry especially in large coal mines and coal dressing plants. Roller

crusher has very big crushing ability, and the electromotor is connected with the reducer with Limit type hydraulic coupler to prevent dynamic overload, so that the sensor is safe and reliable.



The Performance Characteristics of Roller Crusher:

1. It is equipped with hydraulic automatic yielding device which can effectively prevent the iron from damaging the roll and prevent wood and soft materials from damaging the normal work of the roll.

2. It is equipped with intelligent clearing device which can automatically remove the materials sticking on the chamber wall using the working intervals.

Characteristics:

Processing ability: 70–460 t/h

Feeding granularity: 100–800 mm

Dimensions: 2100×2450×2000–2500×4360×
2400 mm

Applied material: coal, pebble, perlite, limestone,
dolomite, etc



Working principle :

Toothed roll crusher is mainly composed of driving tooth, reducer, hydraulic coupler, electromotor, motor-driven fuel feed pump, passive toothed roll, arch toothed plate, side toothed plate, and side toothed plate base, lower frame and velometer.

Toothed roll crusher mainly splits and crushes the materials using unique wear-resisting toothed roll rotating with high speed, forming high-productivity mechanism. This toothed roll crusher is mainly composed of driving device, rack part, crushing roll, and mechanical spring device and link gear. Toothed roll crusher has very big crushing ability, and the electromotor is connected with the reducer with Limit type hydraulic coupler to prevent dynamic overload, so that the sensor is safe and reliable. The adjustment of the space between the two rolls belongs to hydraulic adjustment and the bearing of the rolls are lubricated centrally.

Technical data :

Model	Production capacity (t/h)	Motor type	Power (kw)	Dimensions (L×W×H) (mm)	Total weight (kg)
GF4PG-90	70~100	Y2-250M-6	37×2=74	2100×2450×2000	16100
GF4PG-120	100~130	Y2-280S-6	45×2=90	2100×2750×2000	18500
GF4PG-150	140~160	Y2-280M-6	55×2=110	2100×3000×2000	21000
GF4PG-180	160~190	Y2-315S-6	75×2=150	2500×3000×2400	25000
GF4PG-200	180~220	Y2-315S-6	75×2=150	2500×3100×2400	26500
GF4PG-250	220~260	Y2-315M-6	90×2=180	2500×3330×2400	28100
GF4PG-300	260~310	Y2-315L1-6	110×2=220	2500×3730×2400	31200
GF4PG-350	300~360	Y2-315L1-6	110×2=220	2500×3860×2400	32300
GF4PG-400	350~410	Y2-315L2-6	132×2=264	2500×4160×2400	36500
GF4PG-450	420~460	Y2-355S-6	160×2=320	2500×4360×2400	40700



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- **Pre-sale services: enthusiasm**

We provide you with the prophase plan, process flow design and manufacturer equipment according to your special demand.

- **Sale services: servant**

Send technicians to the jobsite for guiding the installation and adjustment, training operators and finishing the check and accept together with you.

- **After-sale services: faithfulness**

To establish long term friendship, we will regularly pay return visit to customers. Supplying technique, building design, instruction , installation