

# 履带颞式破碎站

## Tracked Mobile Jaw Crusher



南方路机官方微信



画册电子版

**福建南方路面机械有限公司**  
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## 优点一览 Features

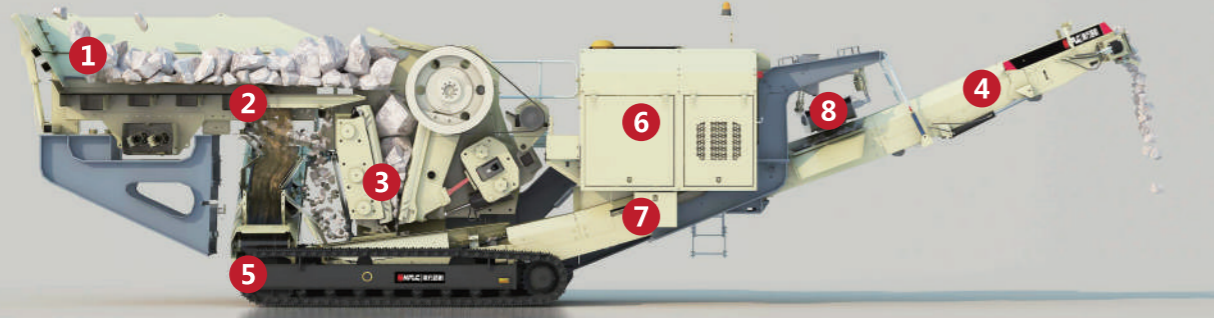


- ① 受料斗  
Hopper
- ② 带篦条的给料机  
Heavy Duty Vibrating Grizzly feeder with pre-screen
- ③ 破碎主机  
Jaw Crusher
- ④ 钢筋偏转板和主输送机  
Re-bar deflector plate and main conveyor
- ⑤ 机架  
Chassis
- ⑥ 动力总成  
Power unit
- ⑦ 电控系统  
Electrical System
- ⑧ 履带  
Undercarriage
- ⑨ 除铁器 (可选件)  
Over band magnet (Optional)
- ⑩ 侧输送机 (可选件)  
Bypass conveyor (Optional)

# 设备标准配置 Standard Components of the Equipment

## 设备各部件配置展示 Display of Equipment Components

- 1 受料斗 Hopper
- 2 带蓖条的给料机 Heavy Duty Vibrating Grizzly feeder with pre-screen
- 3 颞式破碎主机 jaw chamber
- 4 主输送机 Main Conveyor
- 5 机架 chassis
- 6 动力总成 Power unit
- 7 电控系统 Electrical System
- 8 除铁器 overband magnet



### 1. 受料斗

- > 耐磨钢制料斗
- > 液压折叠受料斗

### 1. Hopper

- > High wear resistant plate
- > Hydraulically folding hopper sides

### 2. 带蓖条的给料机

- > 双层独立振动给料机
- > 上层：蓖条筛 下层：网筛或橡胶板
- > 可能的工艺方案（可选）
  - a. 所有喂料都进入破碎机
  - b. 粗料进入破碎机，细料进入旁通装置
  - c. 粗料进入破碎机，中料进入旁通装置，细料堆料
  - d. 粗料进入破碎机，中细料堆料
- > 根据主机负载，自动调节驱动频率

### 2. Heavy Duty Vibrating Grizzly feeder with pre-screen

- > Independent double-deck heavy duty vibrating feeder
- > Upper deck: Grizzly, lower deck: wire mesh or rubber blank
- > Possible processing variations (optional)
  - a. All the feed material into the crusher
  - b. Coarse material into the crusher, fine material in the by-pass device
  - c. Coarse material into the crusher, the medium material by-pass device, fine materials into stockpile
  - d. Coarse material into the crusher, medium material and fine material to stockpile
- > Frequency of drive regulated according to crusher load

### 3. 颞式破碎主机

- > 单肘板颞式破碎机
- > 合金钢锻造的大直径主轴
- > 主机压力传感器，检测负载
- > 高耐磨颞板
- > 静液压驱动，主机实现正反转
- > 标准S齿形衬板
- > 标准肘板

### 3. Jaw Crusher

- > Single-toggle jaw crusher
- > Large-diameter is forged from hardened and tempered alloy steel
- > Inspect the load of the pressure sensor of crusher
- > High wear resistant jaw plate
- > Hydrostatic drive, reversible operation for clearing blackages
- > S tooth liners as standard
- > Standard toggle

### 4. 主输送机

- > 驱动滚筒高强度刮板
- > 抗撕裂皮带

### 4. Main Conveyor

- > High spec scraper at head drum
- > Rip stop conveyor belt

### 5. 机架

- > 坚固重型机架
- > 高质量的行走装置件

### 5. Chassis

- > Robust heavy duty chassis
- > High quality manoeuvreability

### 6. 动力装置

- > 卡特彼勒柴油发动机
- > 静液压驱动

### 6. Power Unit

- > Caterpillar diesel engine
- > Hydrostatic drive

### 7. 电控系统

- > PLC控制
- > 电控柜隔振式安装
- > 双层柜体及过压系统防护
- > 有菜单导向的可视化触摸屏
- > 文本显示
- > 通过屏幕操碎所有破碎功能

### 7. Electric System

- > PLC control
- > Vibration insulation installation of electric control cabinet
- > double-deck cabinet body, effective protection over pressure system
- > Visual touchscreen with menu and instructions
- > Text display
- > All crushing functions can be operated through the screen

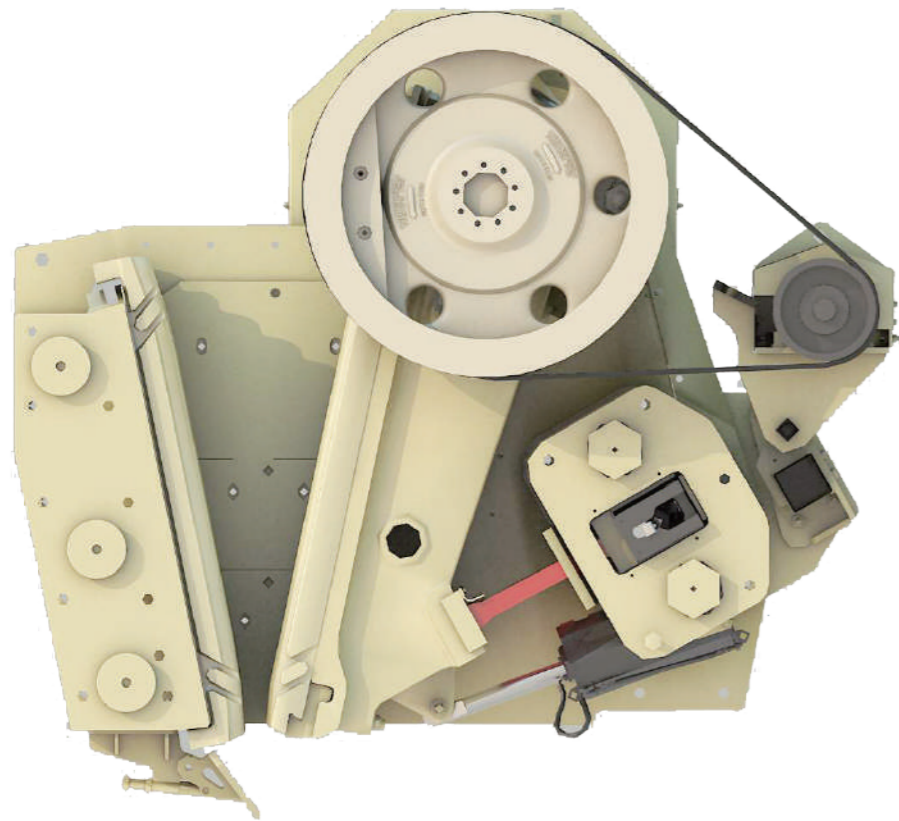
#### ★ 所有规格参数如有变更，恕不另行通知。

All specifications are subject to change without prior notification.

#### ★ 选配件：侧皮带机，除铁器，水泵，防偏转装置，衬板可根据应用工况不同选择。

Optional Parts: bypass conveyor, magnet, water pump, re-bar deflection device; Multifunctional mobile jaw plate to respective application.

# 亮点展示 Advantage

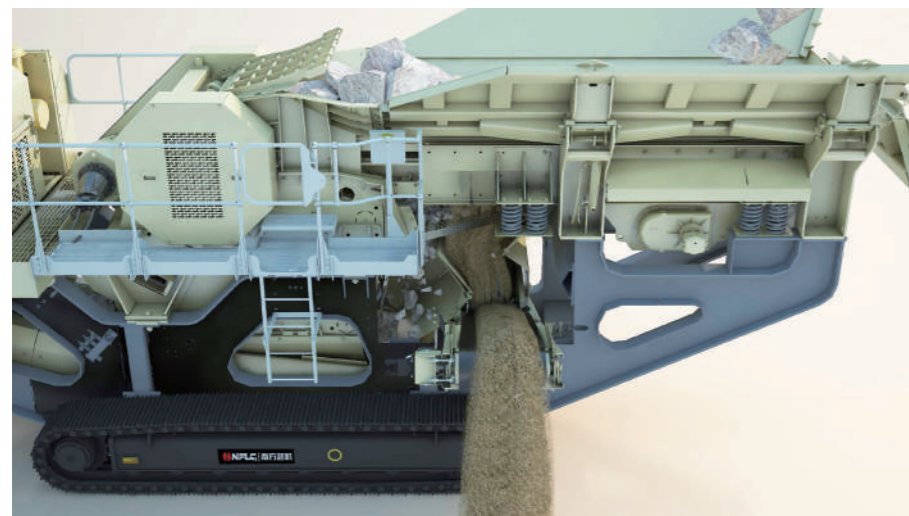


### 全液压调节出料口尺寸

- > 破碎机排料口通过液压驱动楔块系统和张紧杆弹簧，在设置范围内实现无级调节
- > 在 PLC面板按下按钮即可简单与安全调节
- > 封闭式 CSS调节液压缸，降低恶劣工况，液压缸意外受损率

### Fully hydraulic adjustment for closed side setting

- > Hydraulic closed side could be an infinite adjustment through a hydraulic wedge arrangement fully enclosed within the crusher frame and tensioning rod in a setting range
- > Simply and safely adjust by pressing the button on the PLC
- > CSS adjustment in a closed hydraulic cylinder reducing accidental damage rate especially at hard environment

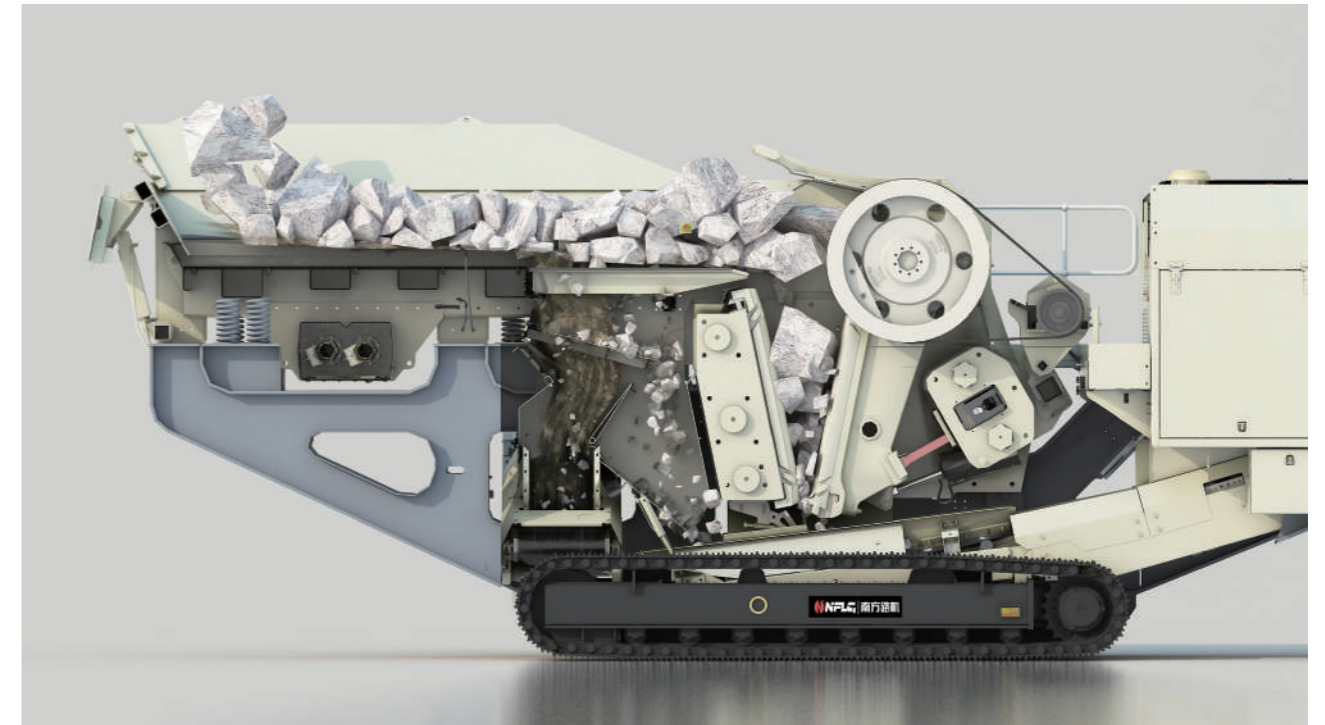


### 带筛条的给料机

- > 不需要破碎的细物料从侧带式输送机排出以便下一步处理

### Vibrating Grizzly feeder with pre-screen

- > Removal of waste material from feed and prevents downstream contamination

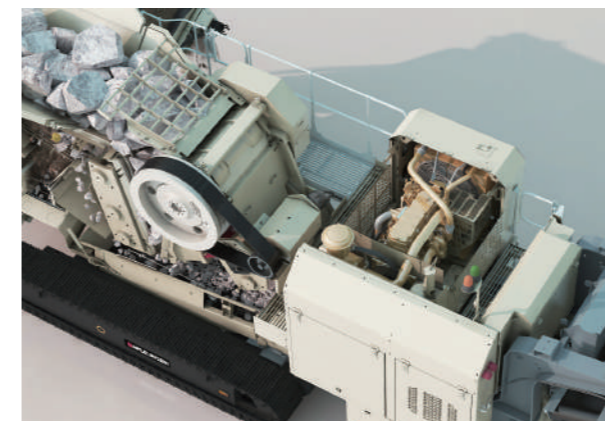


### 持续给料系统

根据破碎主机的破碎压力，振动筛条式给料机不断变换给料速度，避免出现少料或停机，保持持续均匀的给料，确保设备的最大产量。

### Continuous Feeding System

The feeding speed of vibrating feeder with grizzly will be changed continuously according to the crushing press of jaw crusher avoiding insufficient feed or downtime, keep continuous and even feeding ensuring the maximum output of equipment.



### 静液压驱动

- > 可靠性高
- > 传输效率高
- > 可正反转，清除堵塞物

### Hydrostatic Drive

- > High reliability
- > High transmission frequency
- > reversible operation for clearing blackages

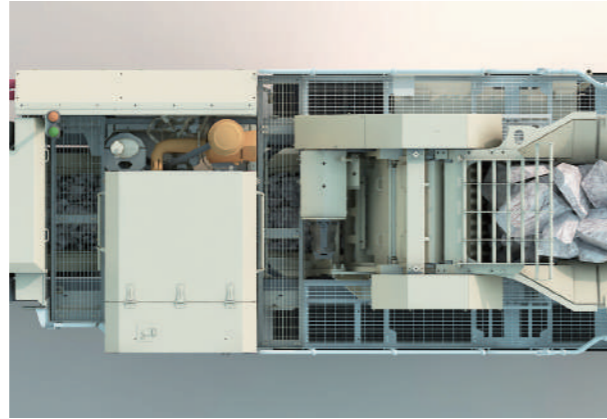
# 亮点展示 Advantage

## 易于维修

允许从破碎机周围的第二地点全面操作，带有手扶栏杆、护脚板与通道梯，提供全方位的通道检修。

## Ease of Maintenance

Allowed to operate around the crusher. The handrail, kick board and access ladder are equipped to offer all-around access and maintenance.

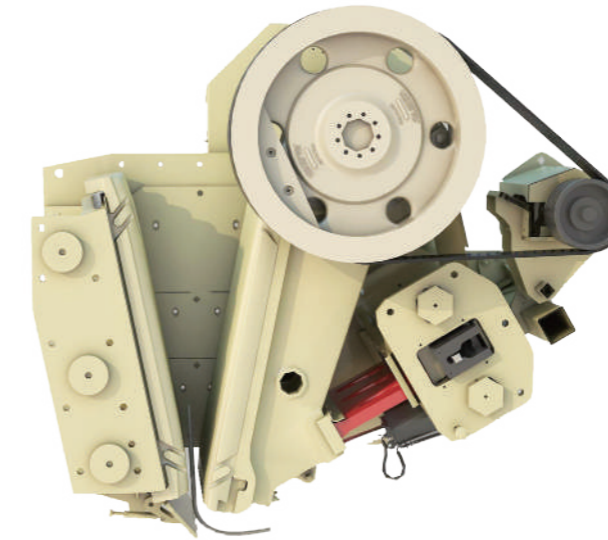


## 除铁器装置

初级破碎选用除铁装置 能更好保护下游机器。

## Over band magnet

used in primary crushing provides extra protection for machines downstream



## 防偏转装置

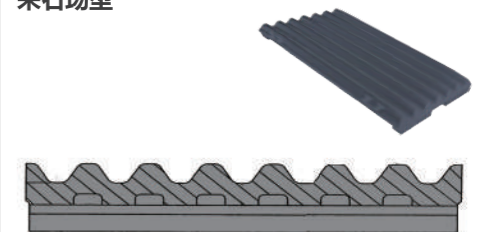
防偏转板改变钢筋方向，预防直接刺穿皮带。

## Re bar deflector device

Application specific aid for protection of main conveyor belt

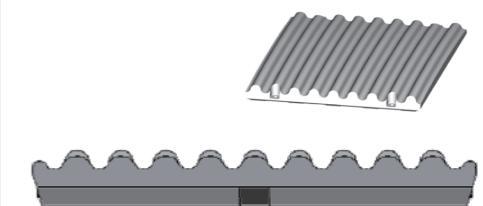
适用于岩石和鹅卵石的破碎  
较长的磨损寿命、工作动力与挤压应力平衡性良好  
对于磨蚀性强、硬度高的物料有高的磨损寿命  
产能适中  
Suitable for both rock and gravel crushing  
Very good wear life, power requirements and crushing stresses are in good balance  
Most well suited for very abrasive and/or hard rock applications, good wear life  
Moderate throughput capacity

### 采石场型



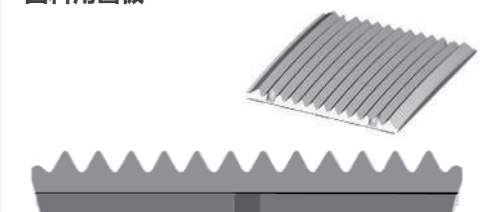
适用于岩石，鹅卵石及一些回收应用  
接触面积增大，能更好的“抓住”物料提高产量  
不适用于高磨蚀性物料  
Used for rocks, gravel and some recycling applications  
Better 'grip' of material than the Quarry Tooth Profile  
Not suited for very abrasive materials

### S齿形



适用于较小排料口的废料和回收料应用  
对表面光滑的混凝土有很好的抓持作用  
不适用于高磨蚀性或高硬度的物料

### 回料用齿板



Smaller product size at same CSS  
Better 'grip' of material on smooth, flat concrete faces, due to pointed corrugations  
Not suited for abrasive or hard materials

## 图文并茂可视化触摸屏 Visual touchscreen with images and texts

- > 人性化界面，一键启停功能，操作简单
- > 参数设定灵活性高，以满足不同应用需求
- > 发动机信息实时监控，利于现场维护与诊断
- > 通过屏幕操作所有破碎功能
- > A user-friendly interface with one-key start/stop functions and simple operation
- > The parameter settings are high flexible so as to meet the demands of different applications
- > The engine is monitored in real time, which is conducive to onsite maintenance and diagnosis
- > All crushing functions can be operated through the screen



**履带式油电混合破碎设备——独家开发**

**Tracked oil-electric Hybrid Crushing Equipment——Developed exclusively**

节省能耗/Energy-efficient

高海拔同样适用/Suited for high altitude

高产量/High output

电力驱动比柴油发动机驱动能耗大幅度降低

Greatly reduce energy consumption versus diesel engine

降低设备维护成本/Reduce maintenance cost



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**移动式破碎机参数 Specification**

	型号 Model	NFJ1060	NFJ1175	NFJ1480	NFJ1175E	NFJ1480E
	型号 Model	JW1060	JW1175	JW1480	JW1175	JW1480
主机 Chamber	驱动方式 Drive	静压驱动 Hydrostatic	静压驱动 Hydrostatic	静压驱动 Hydrostatic	带变频器的电机驱动 Motor drive with inverter	带变频器的电机驱动 Motor drive with inverter
	进料口尺寸 Crive type (mm)	1000x660 (40"x26")	1070x762 (42"x30")	1400x820 (55"x32")	1070x760	1400x820
	最大进料尺寸 Max. feed size (mm)	550	650	700	650	700
	转速 Speed (rpm)	220-290	220-290	225-265	230-280	225-260
	CSS范围 CSS range (标准, mm)	40-140 (515 肘板 toggle)	75-145 (590 肘板 toggle)	100-225 (590 肘板 toggle)	75-145	100-225
	型号/功率 Model/Power (kW)	Cat C9/224	Cat C9/261	Cat C13/320	Perkins1104/74.5	Cummins QSB6.7/129
发动机 Engine	转速 Speed (rpm)	2000	1900	1800	2200	2200
	预筛配置 Pre screen configuration	集成预筛 Integrated	集成预筛 Integrated	独立预筛 Independent	集成预筛 Integrated	独立预筛 Independent
给料机 Feeder	容量 (m³) Volumn	5	9	10	9	10
	扩大容量 Extension (m³) 可选 Option	8	N/A	12	N/A	12
受料斗 Hopper	用电总功率 (kW) Model/Power	N/A	N/A	N/A	160	280
	成品尺寸 Size for final product (mm)	0-270	0-250	0-380	0-280	0-380
电机 Electric motor	最大通过量 Max. output (mtph)	350	475	750	475	750
	重量(t) (不含侧皮带和除铁器) Weight	34.74	51.3	75.2	50	81
	运输状态尺寸 Transportation size LxWxH (m)	14.1x2.6x3.4	14.5x2.9x3.5	18x3.5x3.8	14.5x2.9x3.5	18x3.4x3.8
其它 Others						

NFJ1480



**New**

**大产量**

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# 工程案例 Case study



NFJ1060工程回填料破碎应用  
NFJ1060 crushing filling material



NFJ1060硬岩骨料头破处理应用  
NFJ1060 crushing hard rock in primary stage

# 工程案例 Case study



NFJ1480E石灰石矿山破碎前移应用  
NFJ1480 limestone mining application



NFJ1175矿山原料破碎处理应用  
NFJ1175 raw materia in mining application

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