

*A New Standard in quarries and recycling industry New Normal*

# NE250HBJ



## Applications

- Rock crushing in quarries
- Concrete & asphalt recycling

Driven by the new type of the battery "Lithium ion Battery Pack for Industrial Use" jointly developed with one of the major Japanese electric power companies.



Charging capacity  
72.1kWh



Charging time  
2hours



travelling drive time  
2hours

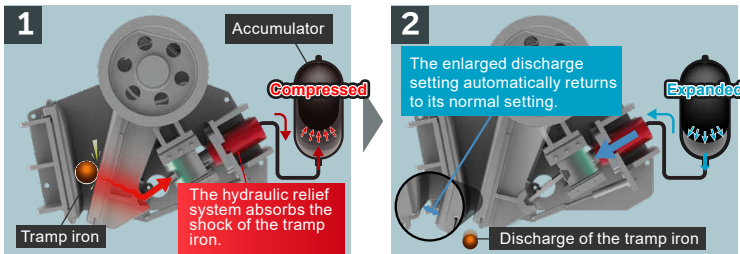


Commercial power supply  
200V

## OUTSTANDING FEATURES

Hydraulic crushing chamber release system **NEW**

## If the tramp iron should be fed.



In case the tramp iron should be accidentally fed to the crusher, the hydraulic system absorb the shock for protection and removal. The discharge setting automatically returns to its normal setting.

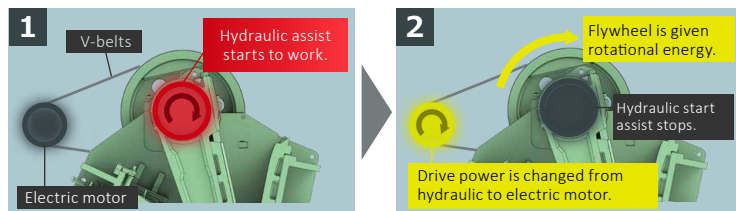
Note 1) The illustration is an image.

Note 2) All the tramp iron pieces may not be discharged depending on its size and shape.

## Crusher Smart Start &amp; Drive System (Hydraulic Inching System)

## STARTING

## Reduction of fuel consumption with Smart Start



Hydraulic power is used when starting the crusher requiring large starting torque. When the flywheel is rotating with enough rotational energy, the crusher drive power is changed from hydraulic to an efficient electric motor. The suitable motor KW can be minimized without considering the starting torque, and the fuel consumption can be reduced.

## Recovery from jamming

Although normal operation is carried out with an electric motor of good efficiency, using a hydraulic motor at startup, and switching to an electric motor at a constant number of rotation help suppress the large current overload familiar to direct electric start processes. In addition, when the raw material is blocked into the crushing chamber, it will be discharged using the hydraulic assist device. Not only the protection of the electric motor, but also the restoration of work can be done safely in a short period of time.



## IoT remote management system

## Safer and easily controllable machine for users.

The plant operating scene can be monitored by the camera. The operating condition of the plant equipment and production output are also easily accessible. An emergency alarm and daily production records are automatically transmitted to office computers and smart phones.

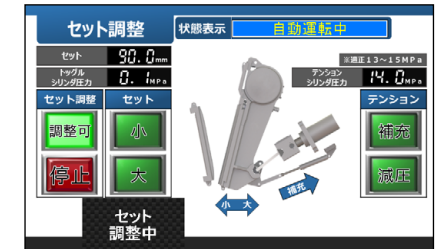
## Green box (Data recording device)

Automatic data recording and storage of the equipment state is possible when a technical problem occurs. It is also possible to record the date replacement time of each spare part, to improve servicing and schedule downtime maintenance.

状態履歴	
発生日時	内容
05/08 08:51	非常停止 盤面
05/08 07:52	サイドBC 過負荷
05/08 06:30	冷却ファン 過負荷
05/08 08:53	冷却ファン 過負荷
05/06 08:18	ジョークラッシャー 過電流

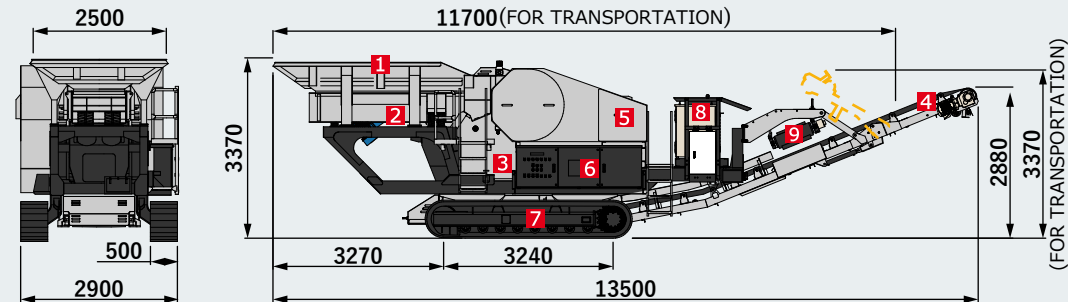
## Gap adjustment via touch panel

Gap adjustment and control of all components and functions are achieved easily through the touch panel.



## EXTERNAL DIMENSIONS

NAMES OF COMPONENTS 1 FEED HOPPER 2 GRIZZLY FEEDER 3 JAW CRUSHER 4 BELT CONVEYOR 5 HYDRAULIC UNIT  
6 CONTROL PANEL 7 CRAWLER 8 Battery 9 MAGNETIC SEPARATOR (option)



## SPECIFICATIONS

MODEL	JAW CRUSHER		GRIZZLY FEEDER		APPROX. CAPACITY (TPH)	MAX. FEED SIZE T×W×L (mm)	APPROX. WEIGHT (TON)
	MODEL	FEED OPENING W×L(mm)	MODEL	TROUGH SIZE W×L(mm)			
NE250HBJ	AC4220BH	1050×500	GVF1030HA	1000×3000	50~250	450×800×1000	36

- The crusher model No. ending with a letter "H" is equipped with this hydraulic system.
- Processing capacity depends on the quality of raw materials, grain size and input mass.
- This machine specifications and dimensions are subject to change without prior notice.
- Adjust the discharge setting widely when crush the asphalt material.

**⚠ Safety Precautions:** In order to use this product correctly and safely, please read the technical Manual carefully before use.

(Note) Do not use reprint of drawings and information in this catalogue without prior consent of Nakayama.

**Nakayama**

HEAD OFFICE: 2246-1 Amagu, Asahi-machi, Takeo City, Saga Pref. 843-0001 JAPAN  
TEL: (81) 954-22-4171 FAX: (81) 954-23-0691  
E-MAIL: overseas@nakayamairon.co.jp

[www.ncjpn.com](http://www.ncjpn.com)

TOKYO OFFICE TEL: (81) 3-6662-4135  
OSAKA OFFICE TEL: (81) 72-672-4551  
SINGAPORE OFFICE TEL: (65) 6222-3538



Homepage.