




Dendoman! An ECO Plug-in Crusher



 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.



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

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

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NE100JP

CRUSHING APPLICATIONS

■ Concrete / Asphalt wastes ■ Friable rocks ■ Bricks ■ Concrete products

DESIGN CONCEPT

Economy

Running cost reduction as much as 45%

▶ P.3

Environment

CO2 emission reduction by 40%

▶ P.4

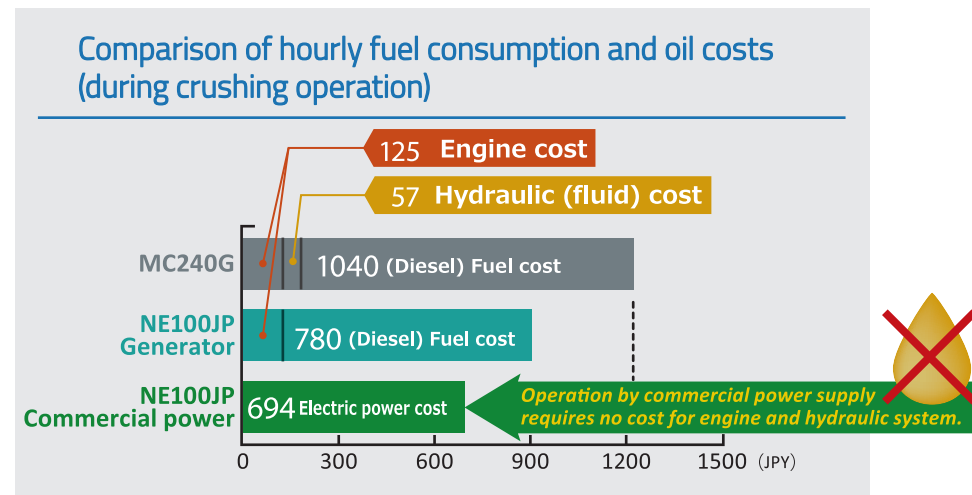
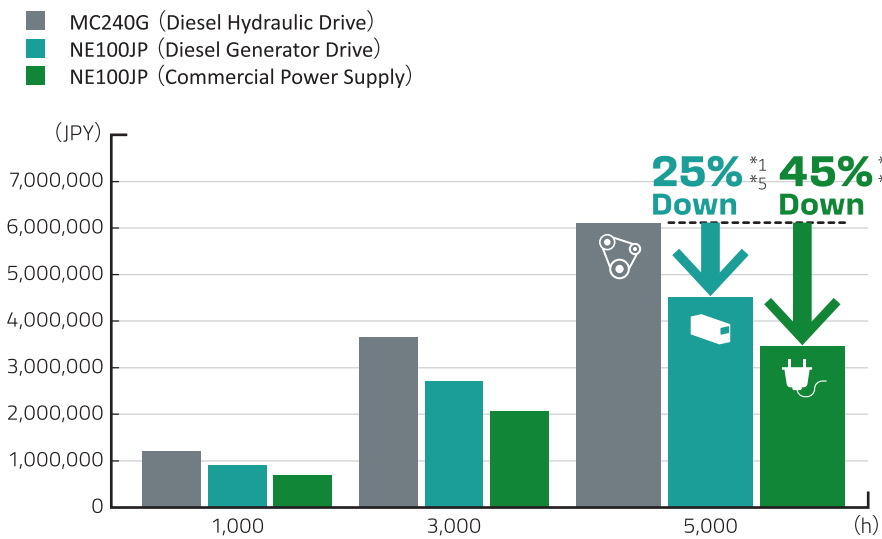


Economy

A large difference between hydraulic drive and electric drive!

The longer the electric drive is used, the more economical the operation cost becomes. For example, 5000H operation with the commercial power supply gives running cost reduction by **45%^{*1}**. Furthermore, the system requires no lube oil and hydraulic fluid eliminating additional running costs.

Running cost comparison in 5000 working hours (Cost of spare parts not included)



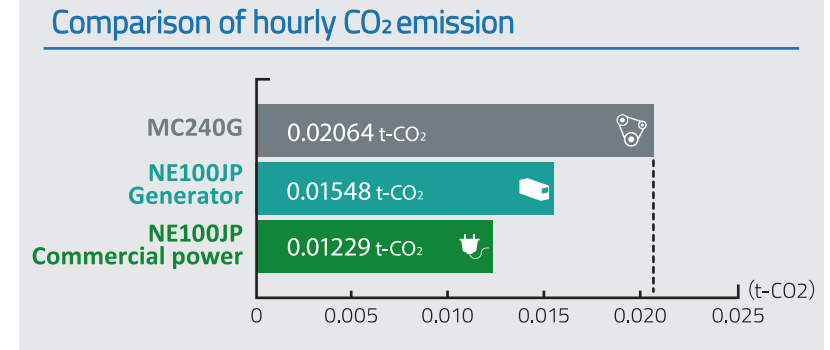
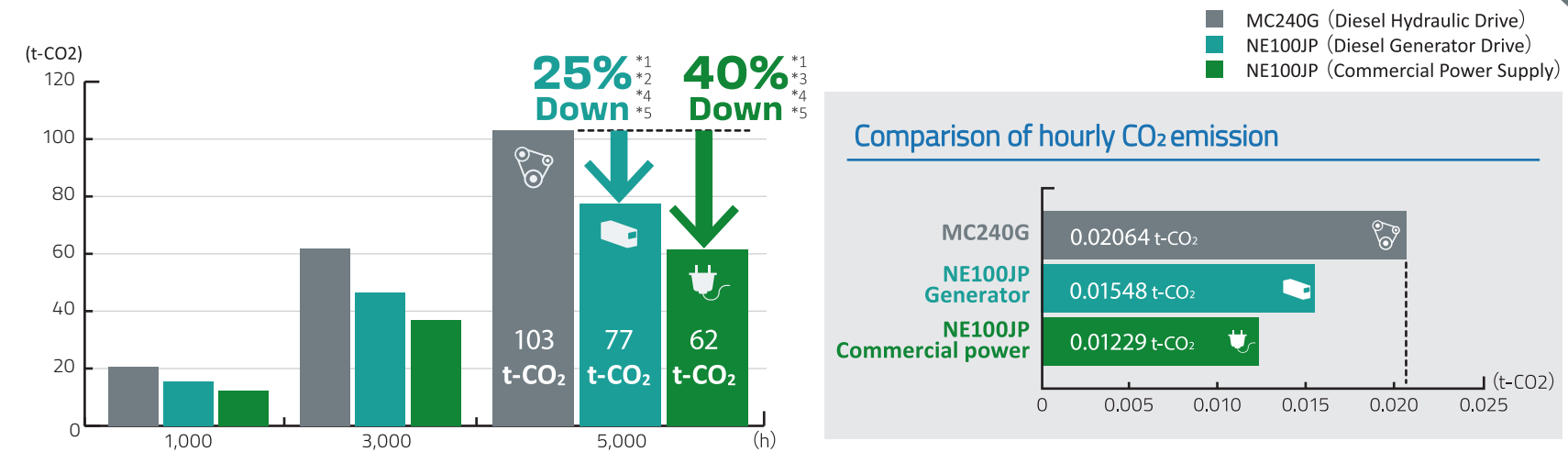
“ELECTRIC DRIVE” is a clever choice!

This new electric drive system gives easier maintenance and quicker countermeasures in case of troubles. Furthermore, the diesel generator is located far from the dusty operation site, the maintenance is minimized and long-term operation can be expected.

Environment

Drastic reduction of CO2 emission with electric drive.

Comparison of CO₂ emission with diesel-hydraulic drive crusher.



DUST PREVENTION

Equipped with water spray pump and water tank for dust prevention.

Water tank capacity 100ℓ (about 2H Spray)



NOISE REDUCTION

The recent improvement of noise control from the generator provides quieter work place than before.



Functionality

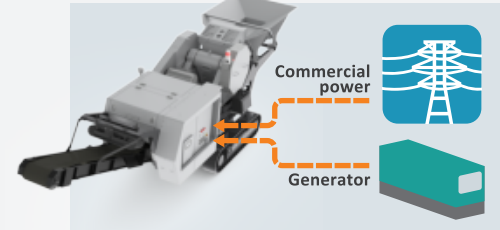
Nakayama NE100JP has a lot of outstanding features.

1 A PLUG-IN CRUSHER



To start, just put the power plug into the socket in the control panel.

2 CHOICE OF ELECTRIC POWER



The crusher can be driven either by the generator or by the commercial power supply.

3 CONTAINERIZED COMPACT SIZE



The crusher can be loaded in a 40' high-cube dry container without break-down or detaching for easier and more cost-effective transportation.

4 TOUCH PANEL CONTROL

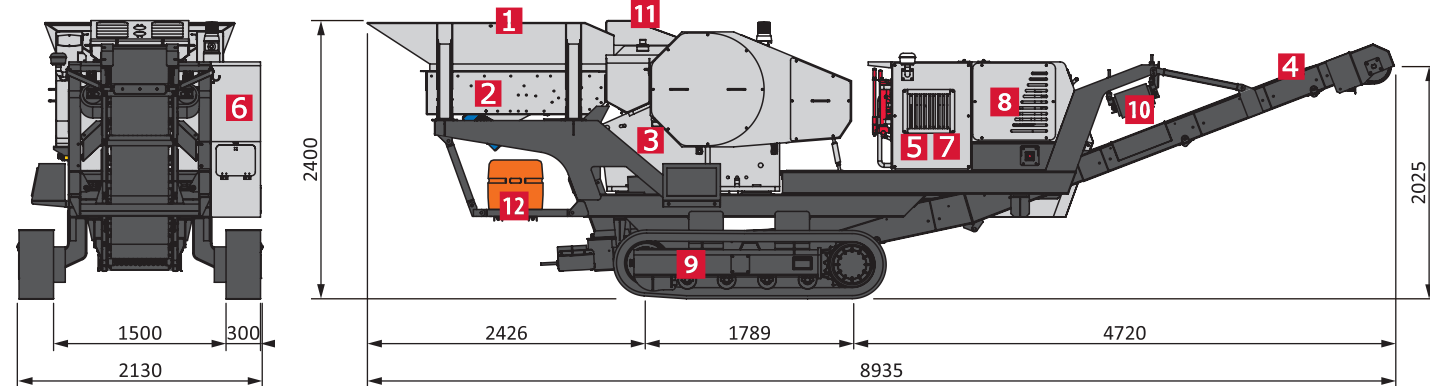


The touch panel provides the function of checking the machine settings, the history of parts replacement, etc.

NAMES OF COMPONENTS

- 1 Feed hopper
- 2 Grizzly Feeder
- 3 Jaw Crusher
- 4 Belt Conveyor
- 5 Engine (Travel)
- 6 Control Panel
- 7 Fuel tank
- 8 Hydraulic oil tank
- 9 Crawler
- 10 Magnetic separator
- 11 Water pump
- 12 Water tank

EXTERNAL DIMENSIONS



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)			WITH	WITHOUT
NE100JP	AC2415	600×370	GFT616H	600×1600	15~50	265×330×600	—	10.2

■ Processing capacity depends on the quality of raw materials, grain size and input mass. ■ Adjust the discharge setting widely when crush the asphalt material. ■ This machine specifications and dimensions are subject to change without prior notice.

N-Link

Safer and easily controllable machine for users.

Infinite possibility when the plant equipment is connected to internet.

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.

