ORII

AMADA

Straightener-Feeder equipped with an "ECO-Release" mechanism

Reduce power consumption by up to 50%!

By installing the "ECO Release" mechanism, we have succeeded in reducing excess electricity-consumption!

Since it is possible to control the optimum air cylinder pressure according to the processing material and plate thickness, power consumption can be reduced by up to about 50%, contributing to energy savings. This will achieve significant CO_2 reductions.

ECO Release

ECO Release Equipped Products

LCC HF4/HF2 Series

Width: 1.969" ~ 39.370"
Thickness: Max 0.177"

High Performance

LCC HR3 Series

Width: 2.756" ~ 51.181"
Thickness: Max 0.236"

High Performance

LCC HF1 Series

Width: 1.969" ~ 23.622"
Thickness: Max 0.126"

High Performance

LCC HL Series*

Width: 2.756" ~ 51.181"
Thickness: Max 0.236"

High Performance

LCE HR3 Series

Width: 2.756" ~ 23.622"
Thickness: Max 0.236"

High Performance

LCC PM2 Series*

Width: 2.756" ~ 51.181"
Thickness: Max 0.354"

Heavy Duty

*Optional

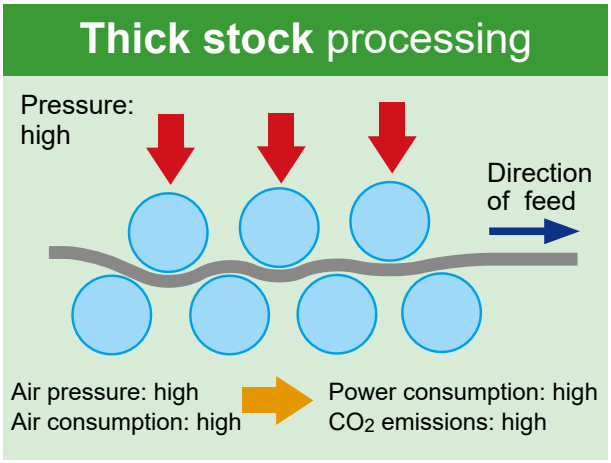
AMADA PRESS SYSTEM AMERICA INC.

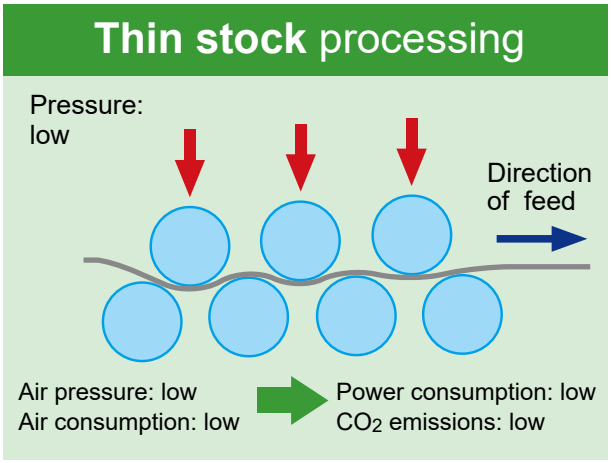
In recent years, efforts to reduce the overall carbon impact and to increase a sustainable environment have further increased. In order to further reduce the environmental load and operating cost of our straightener-feeder, we have developed a straightener-feeder equipped with an "ECO Release" mechanism that contributes to energy saving.

A new concept "ECO Release" mechanism

Straightening thick materials requires high air cylinder pressure, while thinner materials, require lower air pressure for straightening. Until now, the maximum pressure was used for all materials.
By automatically controlling the air pressure according to the material thickness, we have achieved energy-saving operation of up to 50%.

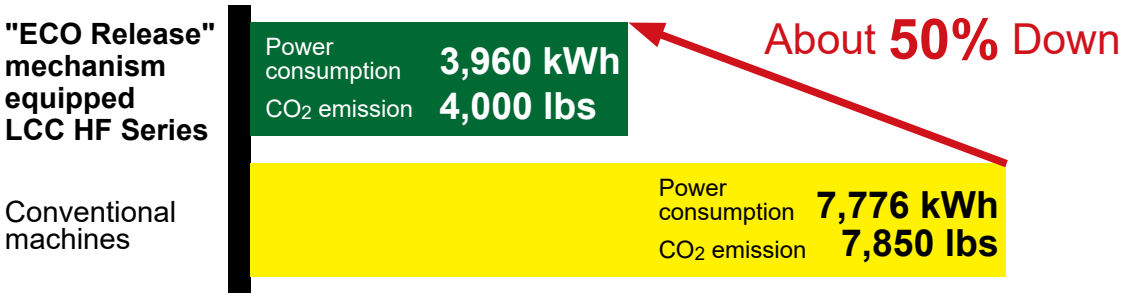
ECO Release





Can possibly cut electricity consumption in half.

Electricity costs can be reduced by about half per feed system as a result of less power consumption during production. The reduction in air consumption also helps reduce overall CO_2 emissions.



Calculation conditions

When a coil material with 0.039" is straightened and fed to a device with straightening capacity of a maximum material thickness of 0.177" and operated for 1,920 hours a year (8 hours a day, 1 month = 20 days).
CO_2 emission conversion coefficient Electricity 1 lbs -- CO_2/kWh

⚠ Before using those products, please read the operator's manual carefully and follow all applicable instructions.

- Options are included in the photos.
- Specifications, appearance, and equipment are subject to change without notice for improvement and other purposes.

Inquiry

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