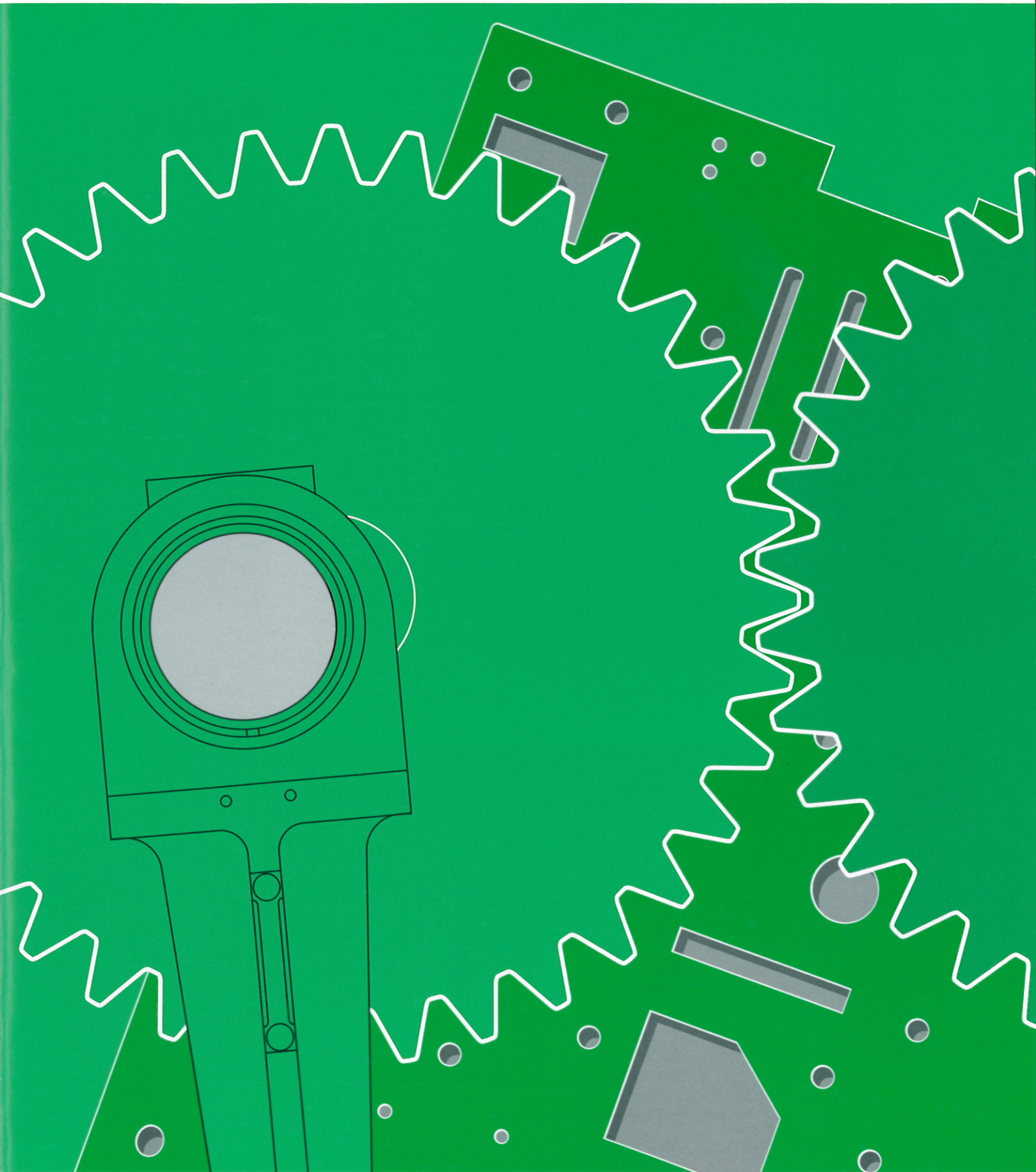




**AIDA®**

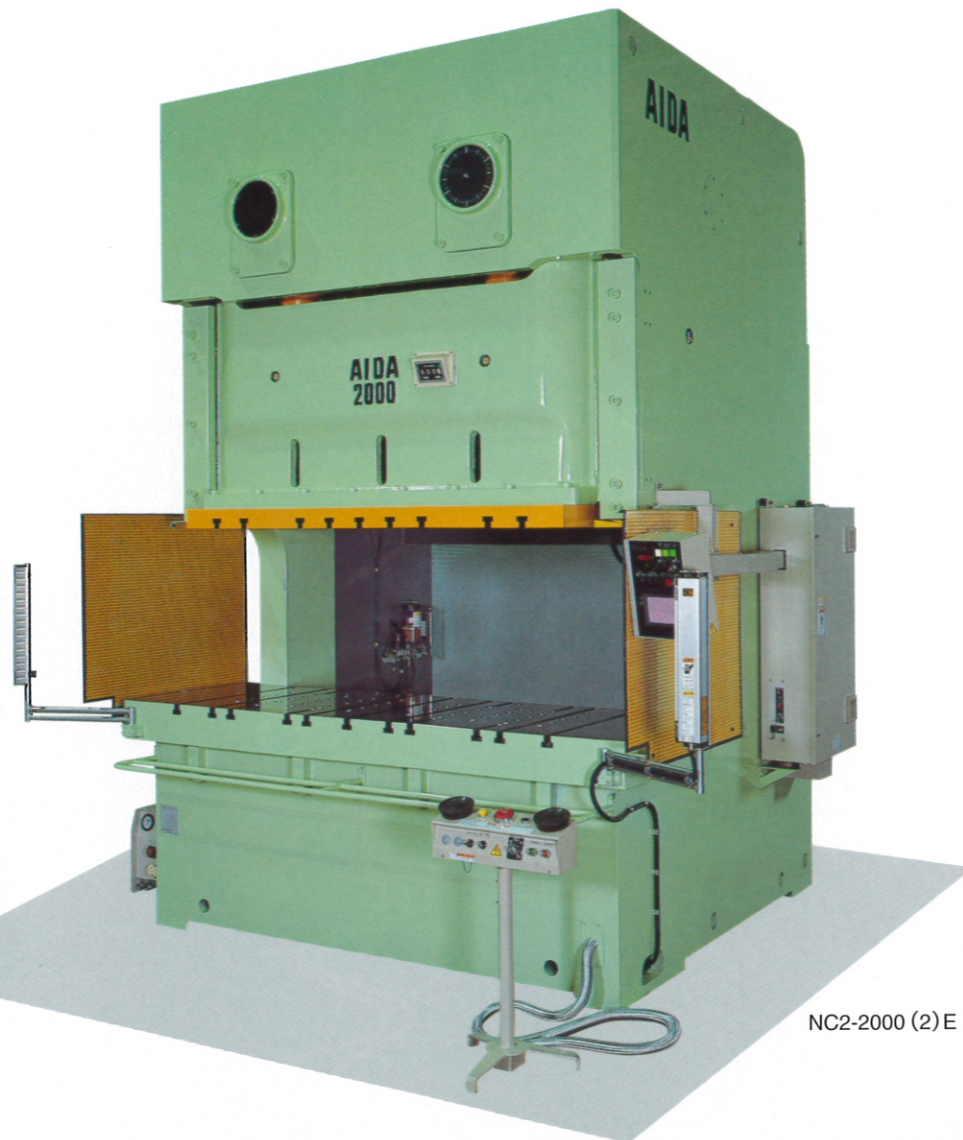
# NC2-E<sup>TM</sup> SERIES

AIDA HY-FLEX<sup>TM</sup> PRESS

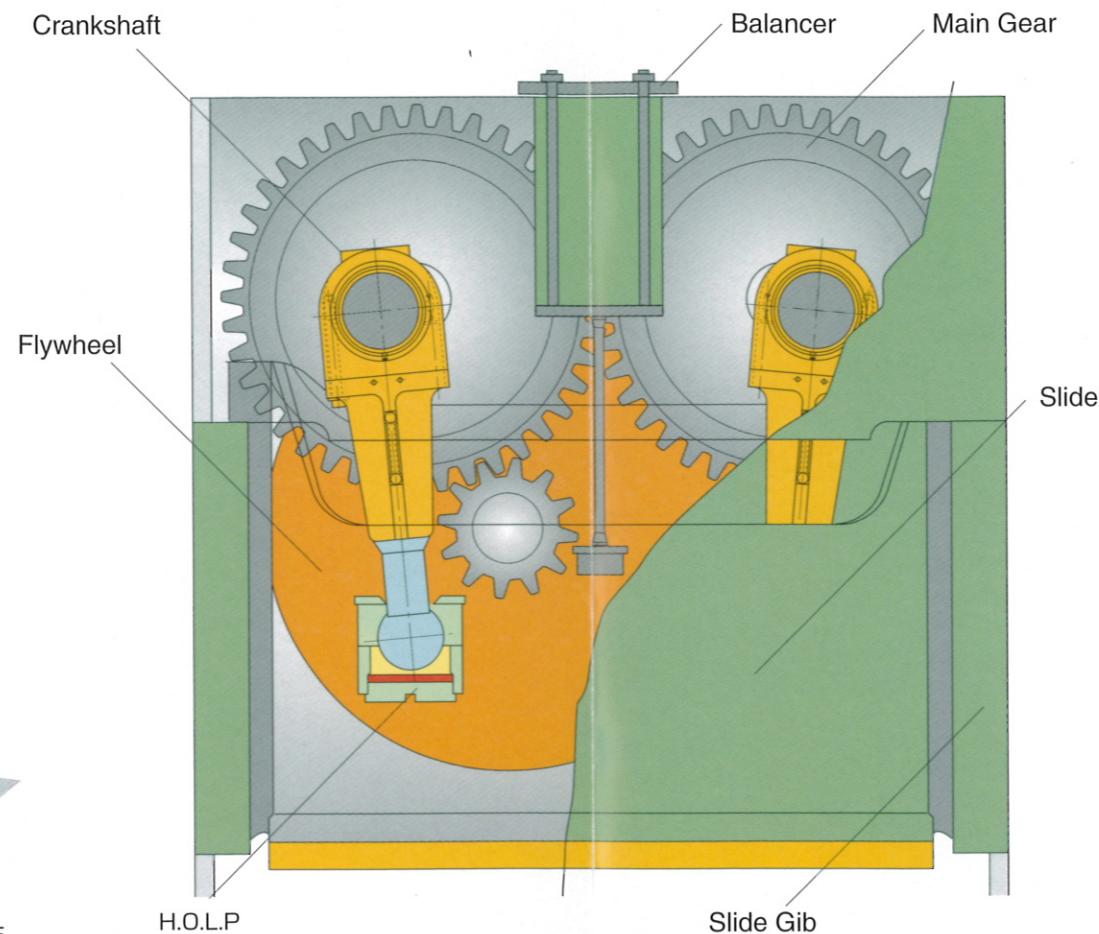




The NC2-E Series, our best selling high precision Hy-Flex Press demonstrates its utility from transfer presswork to progressive presswork to satisfy your high precision and high productivity needs.



NC2-2000 (2) E

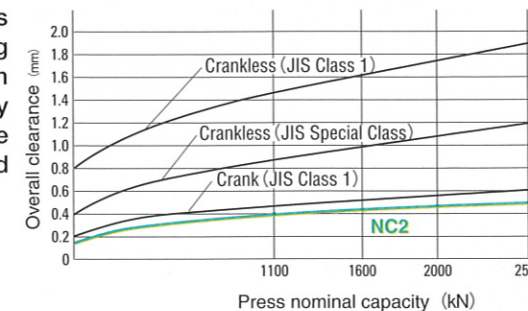


## A Highly Rigid Frame and Counter Rotating Gear Mechanism for Eccentric Loads

The left and right suspension points and the 6-sided perpendicular slide guides handle eccentric loads that occur when doing multi-stage presswork such as transfer or progressive presswork. Also since the counter rotating gear mechanism eliminates thrust, long-term die precision is possible.

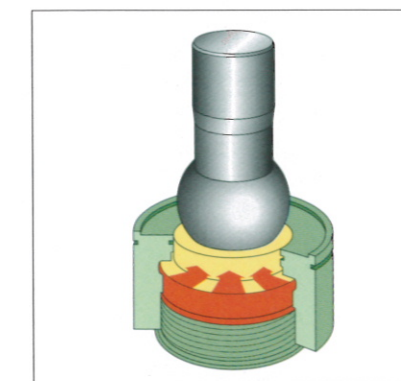
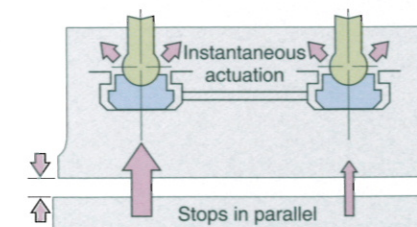
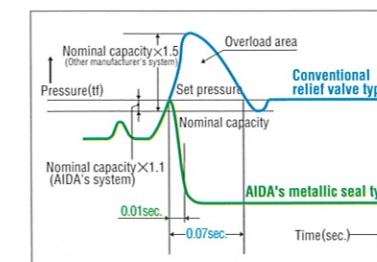
## Minimal Overall Clearance

A minimal overall clearance has been accomplished by doing high precision machining on each structural part. Thereby breakthrough is minimized while greatly increasing die life and decreasing noise and vibration.

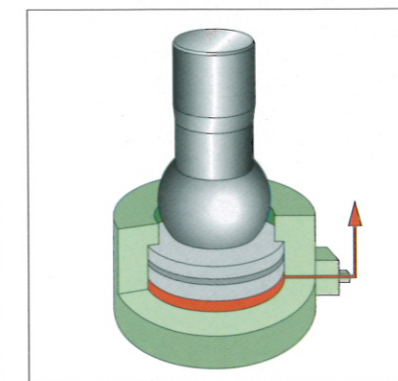


## Hydraulic overload protector that protects the dies (H.O.L.P.)

AIDA's patented metallic seal type Hydraulic Overload Protectors (H.O.L.P.) are contained in the slide suspension points. When an overload occurs, the H.O.L.P. is instantaneously actuated and immediately stops the slide movement, protecting the dies from damage. If the overload protector actuation occurs due to off-center loading, the slide and the bolster are kept in parallel with each other and no load is exerted on the dies, which allows the use of precision dies without concern about damage to them. The resetting operation can be carried out by merely returning the slide to its top dead center position. When sticking occurs, the slide can be easily freed by relieving the hydraulic pressure in the hydraulic overload protector (H.O.L.P.).



AIDA's metallic seal type (Pat.)



Conventional relief valve type

## Meeting Overseas Standards

By utilizing the full network of our overseas facilities at AIDA-DAYTON TECHNOLOGIES, AIDA SAS and AIDA MANUFACTURING (MALAYSIA), we are able to meet overseas standards such as OSHA and CE.

## MPC Multiprocessing Press Controller

AIDA introduces the industry's first Multiprocessing Press Controller with triple function monitoring.

### An operation panel made with productivity and convenience in mind

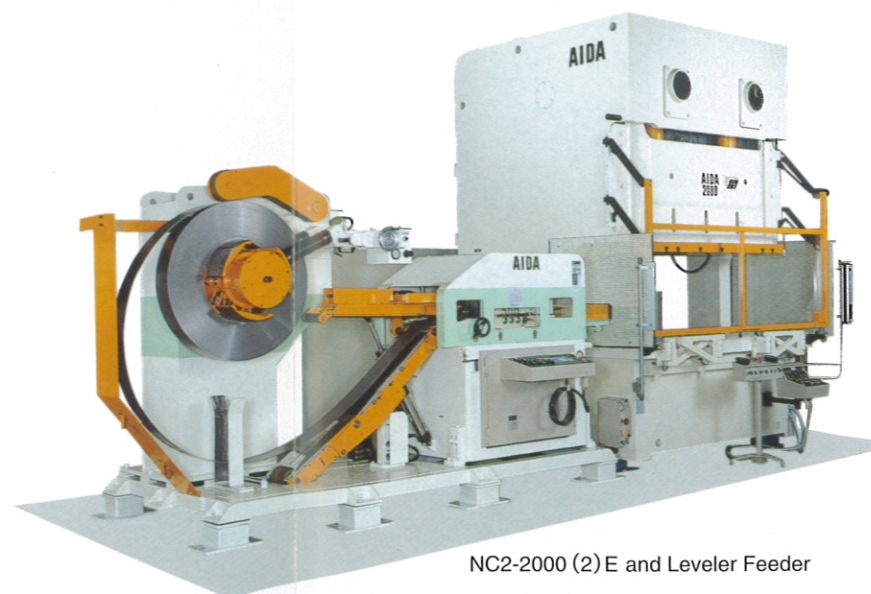


- A large display allows for easy viewing and man and machine interface.
- New Guidance Display operation
- Touch panel improves operability.
- Crank angle meter with easy to understand roulette type digital display
- New pendant style operation panel generates high-resolution visibility.

### MPC Control Unit



The press run circuit is an AIDA original MPC (Multiprocessing Press Controller) with dual architecture and a dedicated controller that monitors MPC and overrun. The clutch and brake control and overrun monitoring are of solid-state design that eliminates typical high maintenance mechanical relay systems.



NC2-2000 (2) E and Leveler Feeder