An abundance of menu functions and variations allow users to select the optimal system for their particular application.

- Automates work using existing presses and molds
- Automates a wide range of press operations
- Automates small-lot production of multiple products
- Automates multi-process press operations

- Allows press operations to be performed manually
- No extensive period of trial press operation is necessary
- Ensures safe press operation

- Ensures stable press productivity
- Ensures stable quality in press operations

- Allows intermediate stocks of semi-finished products to be reduced
- Makes effective use of factory space
- Facilitates improvements in factory layout and work flow

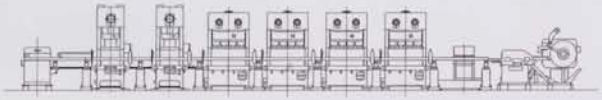
AIDA LINEPACER NCTHL

AIDA A-8II ROBOT

AIDA MULTIPACER NCAH-III

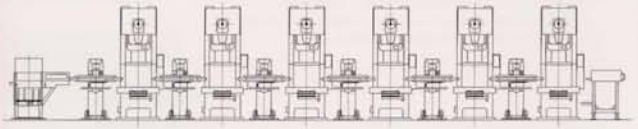
AIDA LINEPACER NCTHL

- The feed stroke can be specified.
- Direct feed between presses shortens the production line.
- The lift stroke can be specified.
- The height of the feed bar can be specified.
- The speed can be increased by varying the lap motion of the feed/lift axes.
- The feed direction can be changed between left to right and right to left. (op)
- OD display and data bank make programming easy.
- An intermediate escape down function prevents interference with upper dies .



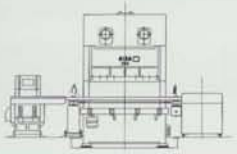
AIDA A-8II ROBOT

- The optimal operation pattern can be set to match forming process.
- The pitch between presses can be asymmetrical.
- The height of presses in a multiple-press line can be asymmetrical.
- Multiple presses can optionally be set to run separately. (op)
- The feeding direction can be switched between left to right and right to left. (op)
- Easy operation by full synchronization of all presses.



AIDA MULTIPACER NCAH-III

- Transfer processing can be performed using existing tools.
- Speed can be increased by coordinating lap operation of press and robot.
- The press master and robot master can be selected depending on the type of workpiece.
- Feed pitch, lift stroke, and feed bar height can be selected.
- Timing of clamper (vacuum, magnetic, mechanical clamper) can be adjusted.
- OD display and data bank make programming easy.
- An intermediate escape down function prevents interference with upper dies.



The First Step in Improving Productivity is to Consider Your System Line Structure.

Robot Drive Unit · Peripheral Equipment · Press Machine · Processing Point

LINEPACER NCTHL

Two-Axis Servo Motor For Multipurpose Lines, Offering Simple, High-Speed Feed with Less Shock.

- Reduces installation space by shortening the overall length of the line.
- Direct feed reduces capital investment costs versus systems with multiple robots installed between presses.
- Multi-stage processing is possible, since a variety of feed strokes can be used on a single line.

●Direct feed between presses shortens the length of the line.

●Direct feed between presses can be used along with intermediate-stage (1/2 feed) operations.

●Multi-step processing can be used.

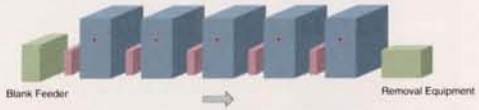
●Blanks and coils can be used.

A-8II ROBOT

By Changing Lift Volume and Dividing Line Flow, This Flexible Line Can Produce Two Different Products Simultaneously.

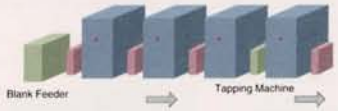
- Permits division of line flow and corner layouts. Feed direction can be reversed.
- Equipment to feed a range of different materials, and intermediate processes can be added, providing a high degree of flexibility in configuring the line.
- The workpiece transfer between presses with different working heights is possible.
- A line can be configured with numerous presses of different sizes by setting the A-8II Robot with different feed strokes.

●Line processing blank materials.

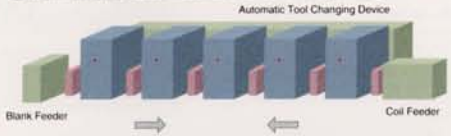


●Two products can be manufactured at the same time.

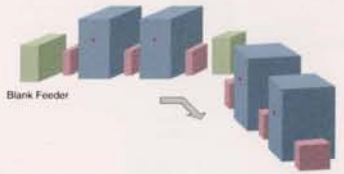
●Integrated processing, including tapping, can be combined.



●Blank materials or coil materials can be used separately.



●Allows corners to be used effectively.



MULTIPACER NCAH-III

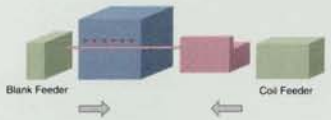
Space-Saving Line Allows Small Products Involving 3~6 Processes to be Performed on One Machine.

- Ideal for individual combination: one press - one robot.
- By changing the feed pitch and feed direction and combining it with equipment to feed different materials, the unit can perform multi-functional operations.

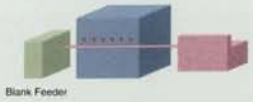
●Performs multi-stage processing of blank materials.

●Performs multi-stage processing of coil materials.

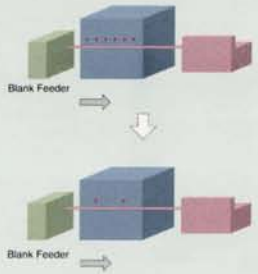
●Can use blank materials or coil materials on the same line.



●Mechanical clamp handles deep draw products.



●Feed pitch can be changed to match the size of products.

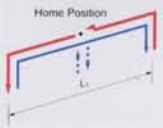


The Operating Pattern Can Be Adjusted to the Optimal Setting to Match a Given Process.

LINEPACER NCTHL

- Low-shock feed and a high degree of stopping precision facilitates precision processing.
- Equipment features a rapid start-up sequence to improve productivity.
- Drive section is fully enclosed, and the feed bar is located behind the tools, thereby ensuring safe operation.
- The compact body makes it easy to set up peripheral equipment to feed materials or remove finished products.
- Sequential starts and stops are possible, so it is not necessary to arrange the workpieces into stages.
- Records up to 99 different types of feed pattern which can be selected at a glance from the control panel during the operation.
- The workpiece clamp conditions of all robot, as well as any problems, can be monitored from the control panel.

Basic Operation

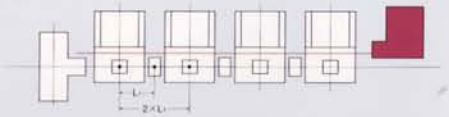


●Direct Feed Between Presses

●Multi-stage Feeding

●Variable Lift Stroke

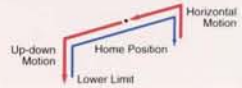
●Intermediate Escape Down



A-8II ROBOT

- Productivity is greatly enhanced by increased feed speed.
- Sequential starts and stops are possible making it unnecessary to correct the position of a product in the middle of a stage.
- A feed direction reversal function allows materials to be fed from either the left or right side.
- When producing two products simultaneously, production can be conducted in both directions at the same time making an intermediate feeder unnecessary.
- Records up to 99 different types of feed pattern, which can be selected at a glance from the control panel during the operation.
- The work piece clamp conditions of all clamps, as well as any problems, can be monitored from the control panel.
- A teaching playback system allows the operator to monitor information on the display screen of each robot when inputting data.

Basic Operation



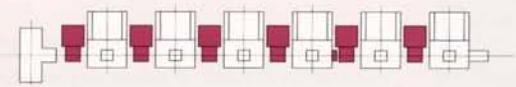
●Half Feed

The feed pitch can be set to half feed for the removal of finished work.

●Lift Stroke Setting

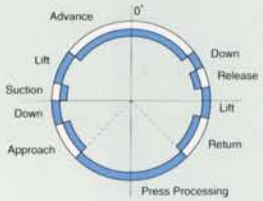
Can accommodate disparities in the pitch between presses or the height of the clamp surfaces.

●Intermediate Escape Down

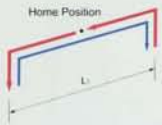


MULTIPACER NCAH-III

- The two-axis servo drive of the Multipacer and one servo axis of the blank feeder combine to provide a three-axis system.
- The feed stroke, up-down stroke, feed speed, and feed motion can be changed individually to selector the most suitable feed for a given product.
- Clamper has a reversal switch for easy removal. (op)
- Sequential starts and stops are possible, so it is not necessary to arrange the workpieces into stages.
- Press master allows press and multipacer operations to operate continuously.
- Records up to 99 different types of feed pattern which can be selected at a glance from the control panel during the operation.
- A teaching playback system allows the operator to monitor information on the display screen of each robot when inputting data.

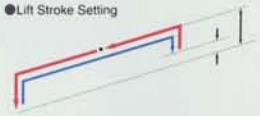


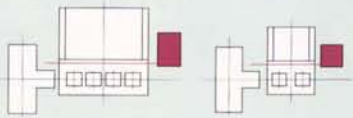
Basic Operation



●Intermediate Escape Down

●Lift Stroke Setting





■Since the press master permits continuous operation, manufacturing speed can be increased to 1.5 to 2 times its previous level.

■The feed and lift strokes, the height of the feed bar, the feed direction, and the clamp timing can all be stored in the data bank.