AUTOMATIC PANEL BENDERS

COST-EFFECTIVE SOLUTION FOR PANEL PRODUCTION

WHY AUTOMATIC PANEL BENDERS?

- Handling large-scale panels
- Full automation for high productivity
- Cost-effective machine
- One set of tools for a variety of profiles

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LVD

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COST-EFFECTIVE SOLUTION FOR PANEL PRODUCTION

HANDLING LARGE-SCALE PANELS

LVD's panel bender models address diverse production needs in a wide range of applications, offering high precision production of large-scale panels, cabinet components, architectural components, shelving, industrial equipment, elevators, steel furniture, fire doors and clean rooms.

FULL AUTOMATION FOR HIGH PRODUCTIVITY

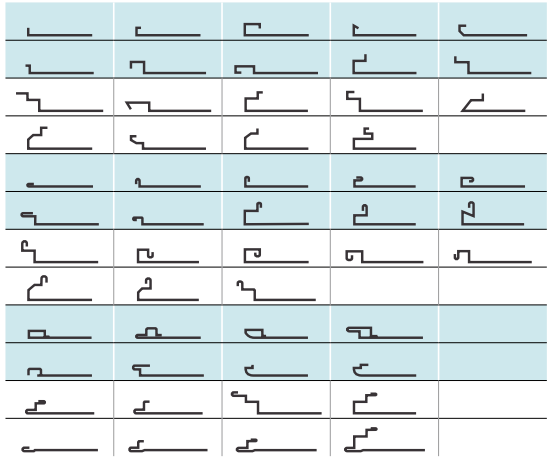
The fully servo-driven system provides precise control over the bending process, providing high repeatability and high productivity. It includes automatic sheet feeding, tool setting, servo bending, clamping, sheet positioning and rotation, and gauging. Unloading and stacking are available as an option.

COST-EFFECTIVE MACHINE

The standard models keep the cost of the machine competitive and can be further customised for maximum performance. The servo-driven design requires low service and is almost maintenance-free. At fixed intervals all the moving parts are lubricated via a centralised lubrication system.

ONE SET OF TOOLS FOR A VARIETY OF PROFILES

With a universal set of servo-operated up-and-down folding blades, LVD panel benders can process a wide range of profiles and various types of bends. Most profiles can be bent with just one tooling set.



Bend profile overview

USER-FRIENDLY PARAMETRIC PROGRAMMING INTERFACE

Programming can be done offline – by entering the bend parameters and loading the program - or directly on the machine, even during bending. Speeds are automatically calculated based on the sheet dimensions.

MULTIPLE-STACK LOADING

An automatic pick-and-place system allows to load from multiple stack locations onto the auto-feed. The ability to vary sizes and thicknesses provides greater flexibility.

Bends include:

- positive and negative bends
- open and closed hemming
- up and down hemming
- offset bends
- radius bends

SPECIFICATIONS

STANDARD MODEL	PB 21/12	PB 25/12	PB 32/12
max. panel size (mm)	2100 x 1250	2500 x 1250	3200 x 1250
max. bend length (mm)	2100	2500	3200
max. bend width (mm)	1250	1250	1250
max. bend height (mm)	110	110	110
max. thickness (mm)	up to 1.6	up to 2	up to 1.6
space required (m)	13 x 6	15 x 6.5	16 x 8

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