

MULTIFOLD

COST-EFFECTIVE PANEL PRODUCTION

AUTOMATIC
PANEL BENDERS



WHY MULTIFOLD?

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

MULTIFOLD

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, gauging, tool setting, servo bending, sheet positioning and rotation. Unloading and stacking are available as an option.



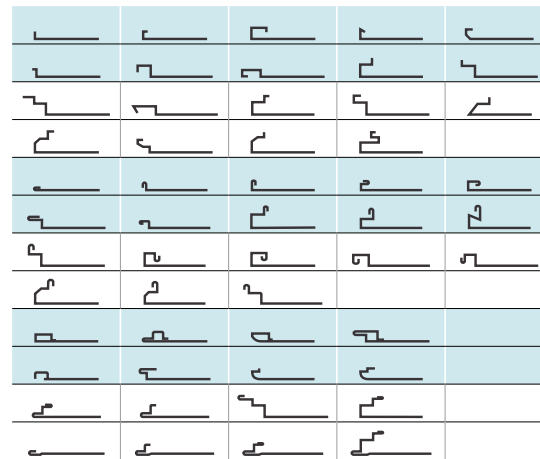
COST-EFFECTIVE MACHINE

The standard Multifold models keep the cost of the machine competitive and can be further customized for maximum performance. The electric drive requires low service and is almost maintenance-free. At fixed intervals all the moving parts are lubricated via a centralized lubrication system.



ONE SET OF TOOLS FOR A VARIETY OF PROFILES

With a universal set of servo-operated up-and-down folding blades, Multifold 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:

MULTIFOLD	1211	1225	2111	2125	2511	2540	3211
Max. bending length	49.21" (1250 mm)	49.21" (1250 mm)	82.68" (2100 mm)	82.68" (2100 mm)	98.43" (2500 mm)	98.43" (2500 mm)	125.98" (3200 mm)
Max. bending height	4.33" (110 mm)	9.8" (250 mm)	4.33" (110 mm)	9.8" (250 mm)	4.33" (110 mm)	15.7" (400 mm)	4.33" (110 mm)
Max. incoming length	59.05" (1500 mm)	59.05" (1500 mm)	88.58" (2250 mm)	94.48" (2400 mm)	106.29" (2700 mm)	110.23" (2800 mm)	133.85" (3400 mm)
Max. incoming width	49.21" (1250 mm)	49.21" (1250 mm)	49.21" (1250 mm)	49.21" (1250 mm)	49.21" (1250 mm)	59.0" (1500 mm)	66.93" (1700mm)
Max. diagonal	78.74" (2000 mm)	78.74" (2000 mm)	102.36" (2600 mm)	108.26" (2750 mm)	118.11" (3000 mm)	125.95" (3200 mm)	149.60" (3800 mm)
Max. thickness, full bending length*	Up to 0.047" (1.2 mm)	Up to 0.047" (1.2 mm)	Up to 0.047" (1.2 mm)	Up to 0.047" (1.2 mm)	Up to 0.063" (1.6 mm)	Up to 0.063" (1.6 mm)	Up to 0.047" (1.2 mm)

* Value depending on material, reference value is for cold rolled steel.

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LVD North America is the trade name of the Sales & Service division of Stripit, Inc.

