

DURMA
Forever

LASER MACHINE

BEVEL OPTION



- ✓ **Precision**
Accurate cuts from 0° to 45° – total control is in your hands!
- ✓ **Powerful and Flexible Cutting Technology**
Freedom to cut positive and negative angles in one piece: Y, V, A, X, and K options!
- ✓ **Perfect Prep for Welding**
Speed up your welding prep with bevel cuts, saving valuable process time!
- ✓ **Save Time and Labor**
Precise bevel cuts mean no extra grinding or weld repairs needed!

Bevel cutting with laser technology is ideal for applications requiring precise edge preparation, particularly in industries like automotive, shipbuilding, and heavy machinery manufacturing, where accurate welding grooves are essential. This method allows for angled cuts from 0° to 45°, helping streamline welding preparation and speed up the process by creating ready-to-weld edges.

The bevel head's interpolation feature, combined with specialized software, ensures optimal cutting accuracy and surface quality. This precision in edge preparation not only saves time but also improves the quality and reliability of welded components.



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Laser cutting machines offer flexibility with five main types of bevel cuts:

A Cut: This is an inverted V cut, creating a bevel on the bottom edge of the metal.

V Cut: This is the most common type, creating a downward slope on the top edge of the metal. When two edges are joined, they form a "V" shape.

K Cut: Both top and bottom edges are chamfered for a complete bevel.

Y Cut: This cut combines a beveled edge with a flat section, creating a beveled edge along the material.

X Cut: Both top and bottom edges are beveled, forming a wedge shape.

These types of cuts help make welding preparation easier and faster.

