

WELDING OF PROFILES COSTS LESS WITH DURMA HD-TC LASER

HD-TC machines offer their customers complete solutions with Angle Cut (0 - 45 °) and 8 mt Fully Automatic Loading-Unloading options.



Advantages

- Perfect 2.5D cutting option integration on HD-TC machines to achieve angled surfaces required for welded joints of pipes and profiles.
- Possibility of high-speed and high-quality angled cutting of 0 - 45 ° in pipes and profiles up to 12 - 170 mm diameter and 8 mm thickness.
- 8 meters profile loading and unloading option on HD-TC machines to meet 8 meters standard profile length cutting needs in countries such as the United States and Canada.
- 8500 mm long pipes and profiles can be taken to the cutting line one by one with automatic loading and unloading units and discharged after cutting.

Centering Chuck Tube

To get cutting precision, centers the profile as close as possible to cutting head. Centering chuck turns synchronized with driver chuck. The 4 jaws are automatically brought to the required position after the profile comes.



Centering System with Laser Sensors

With the newly added laser sensor centering option added to the HDTC machines, it is possible to control the size and irregular structure of the profile during cutting or before cutting with the help of sensors to ensure that the internal contours to be cut are at the right point.



Seam Detection Sensor

The Seam Detection sensor attached to the HDTC machines detects the stitched surface when the pipe is loaded on the machine and provides the ability to rotate the operator's cut holes at any angle.



Spatter Protection System

The Spatter Protection system is used to prevent the slag coming out at the cutting edge from sticking to the opposite surface of the profile.



