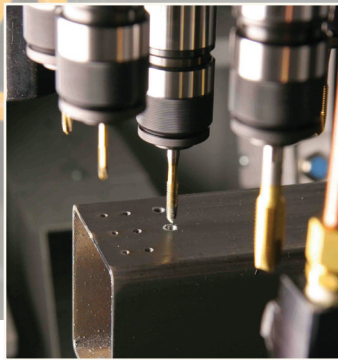


Structural Laser



Drill and Tap capabilities

Laser processing of tube, pipe, bar, beam, shapes, custom shapes and extrusions is a cost saving specialty of Farwest.

3-D Laser Processing replaces multiple operations such as sawing, grinding, machining, drilling and punching with one operation.

Benefits

Cutting multiple parts from 48' feed stock reduces waste and costly setup time

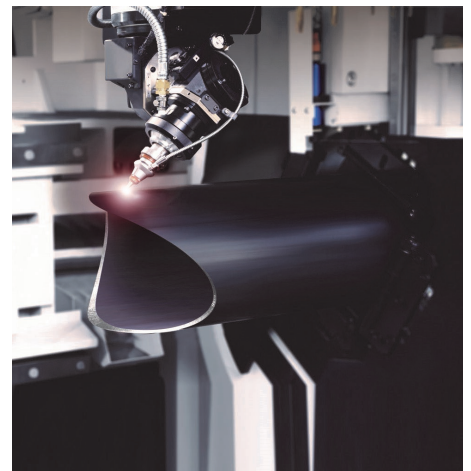
Eliminates manual measuring and cutting

End-cut, bevel-cut and/or contour-cut both ends of parts with no re-positioning

Adding "tabs" and "slots" to parts reduces or eliminates costly clamping time prior to welding

6-Axis cutting head produces true 3-D cut for perfect fit of angular connections including weld prep bevels resulting in reduced weld time

Laser marking for location and identification



Bevel Cutting

WORKPIECE SHAPE

(Not to exceed 67 lbs./ft)

Square Tube	½" through 12" x 12"
Rectangular Tube	½" x ¾" through 12" x 10"
Round Tube	½" through 16" dia.
Pipe	½" through 16"
Angle	½" x ½" through 10" x 10", 9" x 4"
Channel	1" x ½" through 10" x 30 lbs./ft
Ship Channel	3" x 7.1 through 10" x 33.6 lbs./ft
I Beam	3" x 5.7 through 10" x 35 lbs./ft
WF Beam	4" x 7.7 through 6" x 25 lbs./ft 8" x 10 through 8" x 28 lbs./ft 10" x 12 through 10" x 30 lbs./ft
Custom Shapes & Extrusions	Must fit inside 16" dia. circle

WORKPIECE MATERIAL

Material	Carbon, Stainless, Aluminum Inquire for Additional Materials
Maximum Thickness	7/8" on 90 Degree Cut 5/8" on 45 Degree Cut
Positioning Accuracy	+ .005 in 20'
Cutting Accuracy	+ .005 in 20" *
Laser Output	4,000 Watts

* Varies with Material & Surface Conditions



Visit www.farweststeel.com for product, service & location information

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