



LVD ELECTRA FL FAST, FLEXIBLE FIBER LASER CUTTING SYSTEM

Electra FL fiber laser cutting system is fast and flexible, offering high speed thin sheet processing, low operating cost and the ability to cut a wide range of ferrous and non-ferrous materials.

Increased beam absorption of the solid state fiber laser light by the material delivers processing speeds up to twice as fast as a CO₂ laser source in thin sheet metals.

Electra FL is easy to use and operate featuring LVD's touch screen control and user interface, Touch-L. A 19" touch screen and graphical user interface efficiently and effortlessly guide the user through all necessary man-machine interactions. Touch-L also incorporates a part programming and nesting feature to import parts directly to the control, apply cutting technology and nest sheets at the machine.

A compact, modern design, Electra FL maximizes uptime with an integrated shuttle table system or modular automation options which include a compact material warehousing tower (CT-L) inclusive of integrated load/unload system

- High speed cutting of thin sheet metals
- 1500 x 3000 mm (5' x 10') work table area
 - Sheet size 120" X 60"
- Processing of ferrous and non-ferrous materials
 - Carbon Steel up to 1/2 inch
 - Stainless steel up to 1/4 inch
 - Aluminum up to 1/4 inch
 - Brass up to 1/8 inch
 - Copper up to 1/8 inch
- 30% wall plug efficiency for low operating costs
- Multi kW high efficiency fiber laser source for dynamic processing
- Maintenance-free laser source
- No laser gas required for laser beam generation
- Simple beam path delivery
- Intuitive LVD Touch-L 19" touch screen control system
- Integrated shuttle table system
- Automation compatible