



Precision Laser and Fabrication Inc.

We are a provider of superior quality metal parts focused on customer service, reliable delivery, and competitive pricing for all ready for production metal parts, components, and assemblies.



PLF's diverse line of processing equipment and skilled expertise to ensure the accuracy and dependability of each project, as well as the innovative solutions to save production time and expenses.





FLEXIBILITY, SPEED AND EFFICIENCY

Our *Beamcut* has an advanced 360 degree robotic arm, photo laser profiling vision system, and a **65 foot** conveyor system that can handle complex cuts on all structural steel shapes up to **36 inch** in diameter with consistent accuracy. Equipped with *XPR300 Hypertherm* plasma technology it can cut mild steel up to **2 inch** thick, stainless steel and aluminum **0.625 inch** thick.



Our *Beamcut* replaces traditional punches, drill lines, band saws, coping and grinding stations and can layout and mark future production requirements with this all in one machine.

Beamcut substantially reduces our customers internal production times and is a proud part of *PLF*'s diverse lineup.

 H-BEAM FROM 2" X 2" TO 40" X 16"	 C-CHANNEL FROM 4" X 2" TO 40" X 5"	 SQUARE FROM 2" X 2" TO 16" X 16"	 RECT. HSS FROM 2" X 2" TO 40" X 16"
 ANGLE FROM 2" X 2" TO 17" X 35"	 U-CHANNEL FROM 4" X 2" TO 40" X 5"	 FLAT BAR FROM 2" X .375"	 HSS ROUND FROM 2" TO 40" X 16"
 I-BEAM FROM 4" X 4" TO 40" X 16"	 T-BEAM FROM 4" X 2" TO 39" X 16"	 BULB FLAT FROM 2" TO 40"	

STRUCTURAL PROCESSING




RELIABLE, ACCURATE & DEPENDABLE

PLF's Two high-speed *Fibre Lasers* with **6' x 12'** tables can produce complex shapes and intricate designs with precision accuracy and minimal material waste. Our scribing services can produce permanent and durable markings for item identification, bend lines or for further production requirements.

PLF offers value added services such as quick turn around, finishing, assembly, and packaging to meet the specific needs of each customer.



PLF offers scribing part identifications, packaging options and quick turn lead time options to ensure our customers reliable and dependable service.

 MILD STEEL UP TO 1"	 ALUMINUM UP TO .625"	 COPPER UP TO .250"	 STAINLESS STEEL UP TO .500"
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PLF can also laser cut high tensile steels, Clad, Copper, Brass and most grades of Stainless Steels and Aluminums.

FIBER LASER

PLASMA/OXYFUEL

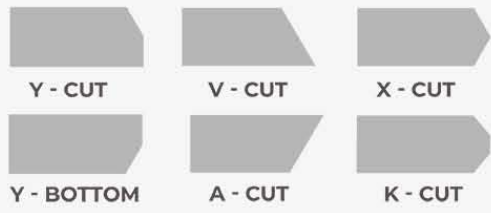
SIZE MATTERS

The XPR300 on a 10' x 55' table has significant cutting technology with high definition cut quality on mild steel, stainless and aluminum.

Oxyfuel torch on a quick-change system uses the same motorized station and lifter as the plasma torch to enable PLF to quickly adapt to oxyfuel and plasma requirements.



BEVELING OPTIONS



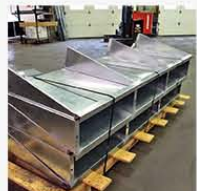
CNC ROUTER

PLF's CNC Router on a 8' x 20' table has incredible throughput and processes at super fast feed rates while working at continuous conditions. PLF offers our customers accuracy, dependability quality aluminum, non ferrous parts and is another proud part of PLF's diverse portfolio.



FORMING/BENDING

Using our in-house 230 TON press brakes, our experienced, highly-trained team are able to provide sheet metal bending services to accommodate up to .500" sheet metal thickness and deliver custom bending solutions to meet your exact requirements.



With our customers satisfaction in mind, PLF proudly utilizes our deburring capabilities to ensure our customers reliable ready for production parts.

PERFECT FINISH



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