

Paco Laser capabilities

Design, tube and sheet laser cutting, welding, finishing and production runs under one roof, in LaSalle (Montréal).

TUBE LASER CUTTING

Machine	3000 W fibre laser · 6 axes
Profiles	HSS up to 4 × 4, round tube, angle iron, C-channel, flat bar, small H-beam
Opening	4 in
Length	Up to 24 ft
Thickness	Up to 1/2 in
Operations	Notches, holes, slots, angle cuts and coped joints in one pass
Capacity	Up to 10,000 parts / week

QUALITY CONTROL

- First article measured before every lot
- Sampling 1 part in 50 during the lot
- Inspection report per lot, on request
- Traceability by order and lot number
- MIG / TIG welding to CSA W59 practices
- Out-of-tolerance parts remade at our cost

LEAD TIMES

Quote	< 48 h from complete files
DFM review and drawings	2 to 5 business days
Prototype	1 to 2 weeks
First run	2 weeks after approval

STANDARD TOLERANCES

Notch / hole position	± 0.2 mm (± 0.008 in)
Length up to 3 m	± 0.5 mm
Length 3 m to 24 ft	± 1.0 mm
Cut angle	± 0.5°
Sheet contour	± 0.2 mm
Welded assembly	± 1.5 mm or per drawing

SHEET LASER CUTTING

Mild steel	Up to 1/2 in
Stainless	Up to 1/4 in
Aluminum	Up to 1/4 in
Sheet size	4 ft × 8 ft standard

ASSEMBLY AND FINISHING

- MIG / TIG welding and assembly in-house
- Bending (coordinated partner)
- Paint, powder coating, galvanizing (coordinated partners)
- In-house engineer and draftspeople: DFM, 3D, production drawings

MATERIALS

Steel · stainless · aluminum · brass · copper

ACCEPTED FILES

STEP, DXF, DWG, PDF, any standard format. Hand sketches accepted.

QUANTITIES

One-off parts and small runs from \$100. Volume agreement for recurring production above 500 parts a month. Staggered deliveries and lot storage.

One supplier, one price, one accountable party. Delivery across Quebec, Canada and the United States.