

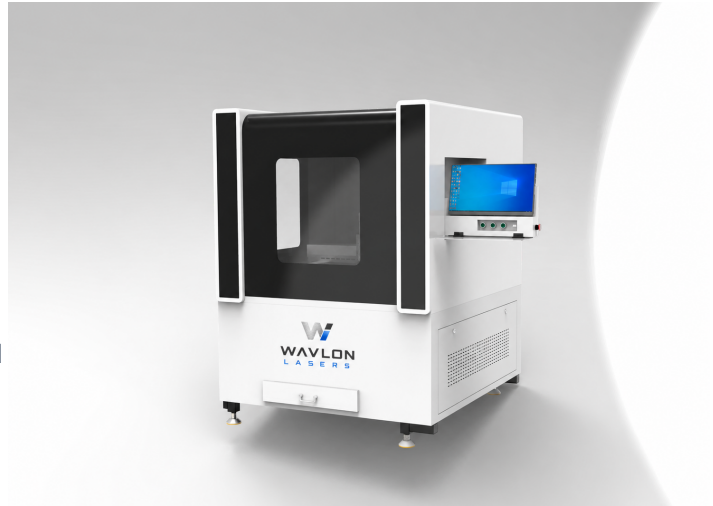
COMPACT ENCLOSED FIBER LASER

Wavlon 6060

Precision metal cutting in a 600 × 600 mm footprint.

A fully enclosed compact fiber-laser platform configured from 1.5 to 3 kW for precision components, prototypes, education, R&D; and compact production cells.

RFQ CONFIGURATION · CANADA & US DELIVERY



600 × 600 mm

CUTTING AREA

1.5 / 2 / 3 kW

POWER RANGE

±0.03 mm/m

POSITIONING

150 mm

Z-AXIS TRAVEL

The formal quote confirms source model, cutting head, electrical service, extraction, chiller, compliance documentation, freight, installation and training.

Production-grade architecture in a compact enclosure.

The documented machine platform combines a separated worktable, heavy-duty segment-welded bed, precision motion package and application-matched MAX Photonics laser source.

Cutting area	600 × 600 mm
Laser source	MAX Photonics 1.5 kW, 2 kW or 3 kW
Control platform	BOCHU Friendess FSCUT2000E EtherCAT
Cutting head	BM110 autofocus package; final model confirmed to configuration
Positioning accuracy	±0.03 mm/m
Repeat positioning	±0.02 mm/m
Z-axis travel	150 mm
Reference footprint	Approx. 1,980 × 1,930 × 1,440 mm
Electrical reference	220V or 380V; 50/60 Hz; phase confirmed per power tier
Motion & utilities	LAPPING rails, Schneider servos, automatic lubrication, S&A; chiller, SMC proportional valve

Published values are planning references derived from the manufacturer's 3 kW reference configuration. The final Wavlon quotation supersedes this overview.

Designed for setup, inspection and compact production.



Front service door open



Rear service-access view

Precision components

Brackets, covers, plates, guards and small fabricated assemblies.

Prototype & R&D;

Fast iteration without dedicating floor space to a full-sheet machine.

Education & training

An enclosed format quoted with the required safety and compliance scope.

Job-shop overflow

Keep small parts and urgent work off larger production equipment.

A complete configuration, not an anonymous import.

Machinist's Vault reviews the material, thickness, edge-quality target, assist gas, electrical service, delivery site and support requirements before locking the machine package.

1. APPLICATION REVIEW

Share materials, maximum thickness, typical part size, monthly volume and finish requirements.

2. CONFIGURATION

Select 1.5, 2 or 3 kW, then confirm cutting head, electrical package, extraction, chiller and options.

3. COMPLIANCE & DELIVERY

Canadian configurations are quoted with the applicable CSA compliance or field-evaluation scope completed or confirmed before installation.

4. SUPPORT

MAX Photonics manufacturer after-sales channels and Americas support are available. Service-centre availability is confirmed for the quoted configuration.

Request a Wavlon 6060 quotation

sales@machinistsvault.com · 905-361-7999 · machinistsvault.com

Configuration notice: source model, cutting head, electrical service, compliance documents, extraction, chiller, freight and installation are stated in the formal quote. No certification claim applies until documented for the delivered machine.