

HYTEK TOOLS®

www.HYTEKTOOLS.com

FIBER TEK

FIBER LASER - ENCLOSED DUAL TABLE

4X8 5X10 6X12



HytekTools® Official Registered Trademark - WeldTEK™ 2022 by HYTEKTOOLS®

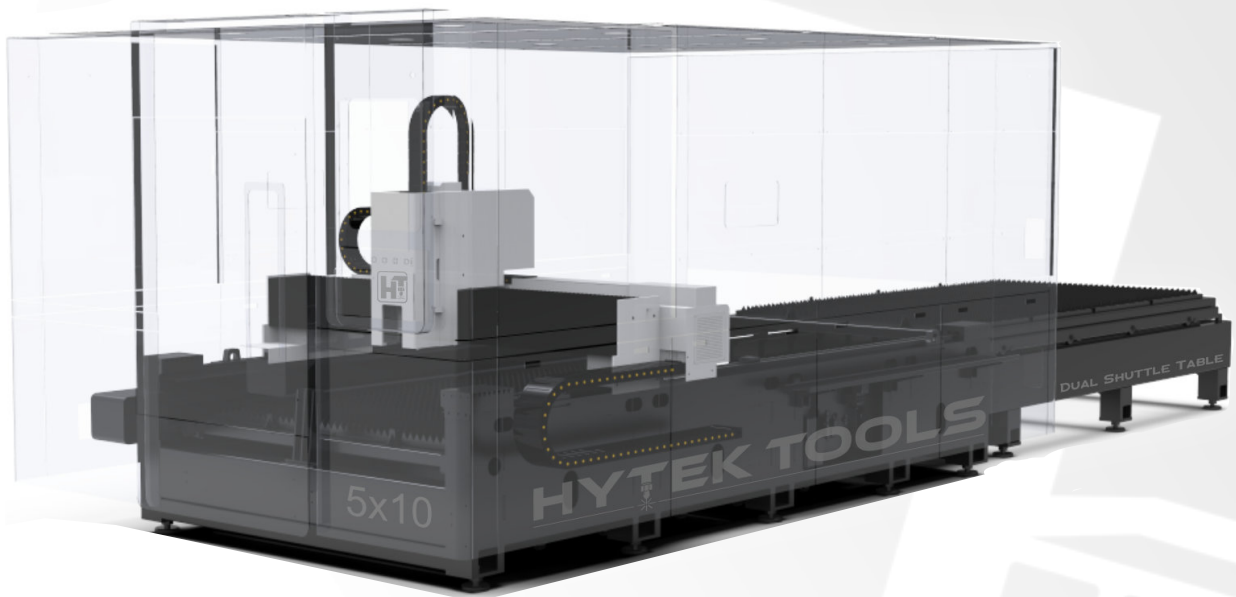
HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

FIBER LASER CUTTING MACHINE

Featuring IPG Fiber Laser Source a US Based Laser Manufacturer



DUAL SHUTTLE TABLE

Table Exchange in 10-15 Seconds



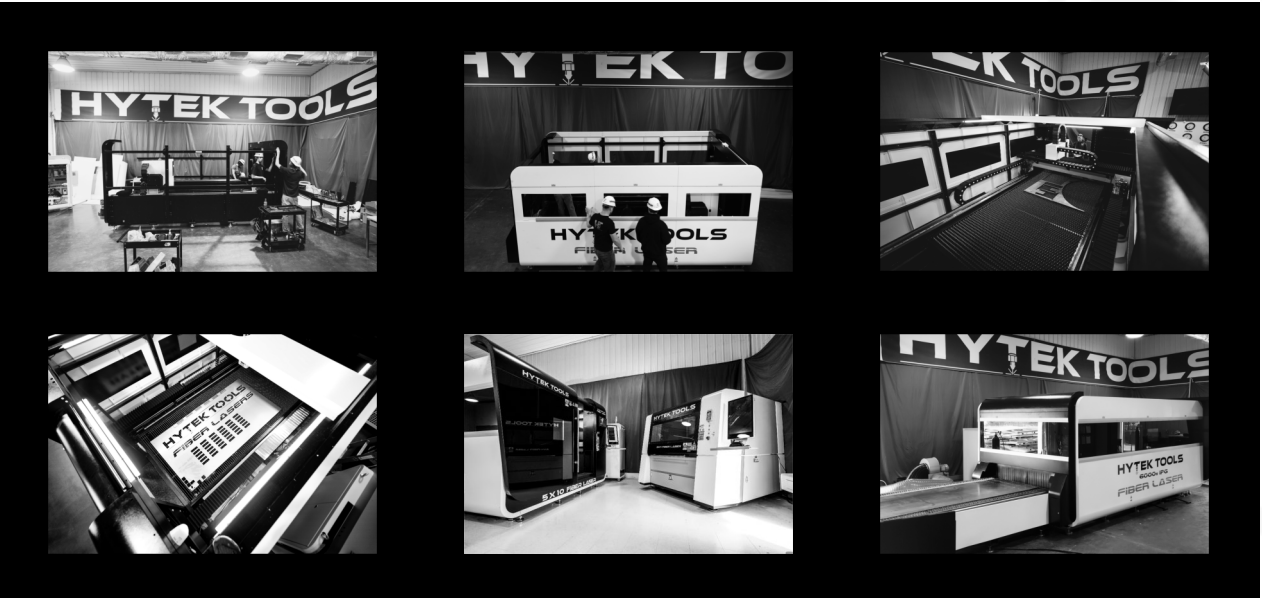
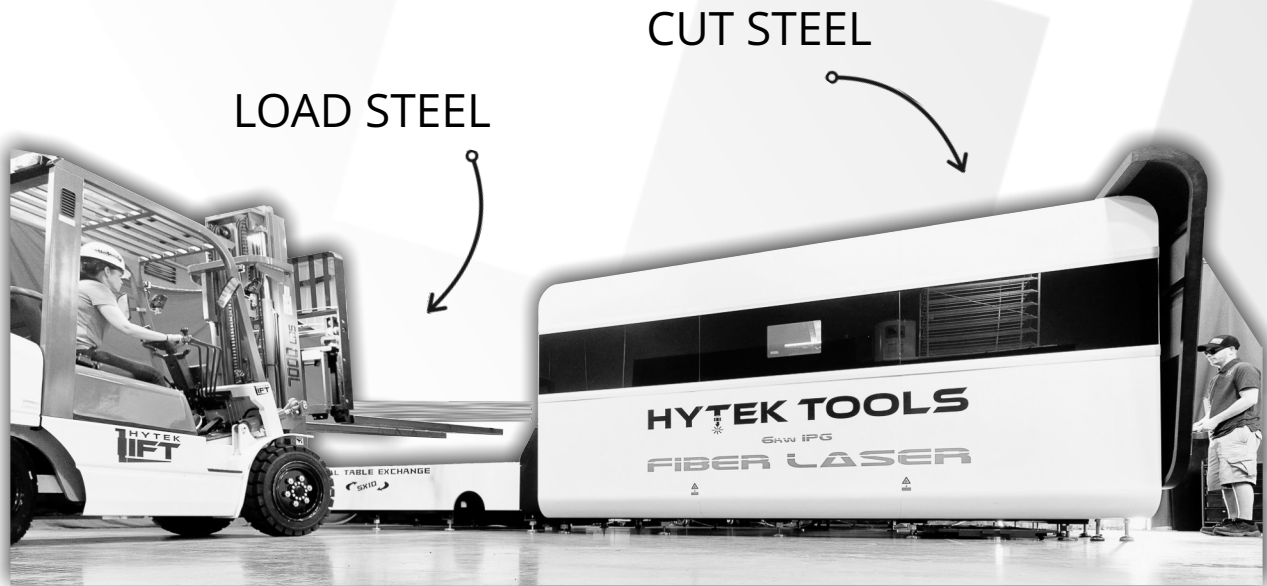
HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

EFFICIENT - SAFE WORKFLOW

When safety is as important as production, you need an enclosed machine with dual exchange table



HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

FIBER LASER SOURCE - IPG PHOTONICS

Fiber Laser Source: IPG Photonics Product and Support in USA
Laser Source Life Cycle is roughly 100,000 hours
No Maintenance Required!



UNMATCHED RELIABILITY, SUPPORT

The Heart of Laser Machinery: US Based Support with IPG Photonics

Fiber Laser Power Range:



1000w-1kw IPG
2000w-2kw IPG
3000w-3kw IPG
4000w-4kw IPG
6000w-6kw IPG
8000w-8kw IPG
12000w-12kw IPG

HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

LASER HEAD SELECTION

Laser Heads Are Very Important To Get Right!

PRECITEC - LASER HEAD

PRECITEC @ 6-12kw Fiber Laser Cutters



PRECITEC

RAYTOOLS - LASER HEAD

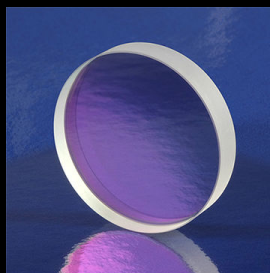
RAYTOOLS @ 1-4kw Fiber Laser Cutters



RAYTOOLS

BACKUP RECOMMENDED

Hytek Tools Will Provide a 2nd Laser Head
at Time of Purchase for Wholesale Cost



HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

TABLE CONSTRUCTION AND HIGHLIGHTS

- 5ft x 10ft cut dimensions
- IPG Photonics (USA) laser source
- Frame 1/2" welded steel tube
- Aviation grade aluminum gantry
- Blade knife table surface
- X, Y axis - stainless steel ball screw transmission
- HiWin linear high precision stainless steel guide rails & bearings
- 16,000 lbs combined table weight
- 40 ton pressed 6061 laser car gantry material

MACHINE ELECTRONICS

- Machine Electronics
- 1000w-12000w fiber laser (see capability chart below)
- Yaskawa servo drivers & motors
- Schneider electrical components
- Water chiller Exhaust fan

5 TON MAIN FRAME WEIGHT



HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

MACHINE STATISTICS - POWER - CAM

- Up to 2000in/min
- X, Y, cut accuracy ± 0.001 "
- X, Y, repeat accuracy ± 0.001 "
- Cypcut CAM Software (latest version)
- CAD Program on request
- 1000w AC220V single phase @ 50 amp
- 2000w-12000w AC 220v-600v three phase

HYTEK TOOLS WARRANTY AND SUPPORT

- Lifetime hardware support from Hytek Tools
- Two year parts warranty bumper to bumper
- 2 Year Laser Source Warranty (Best in Industry)
- Custom tech videos on request



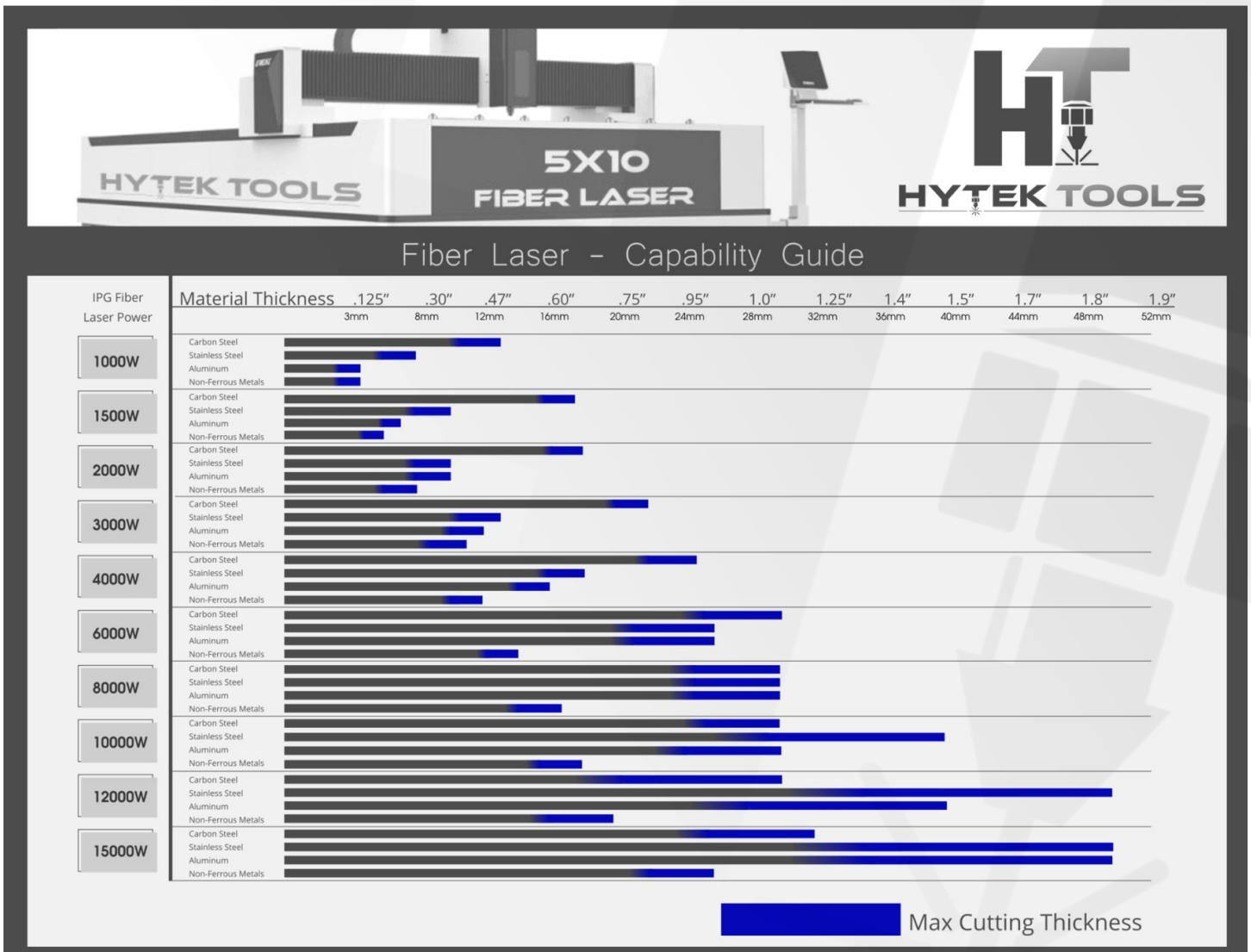
HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

FIBERTEK™ CUT CAPABILITY/THICKNESS

A General Guide for FIBERTEK CUT ABILITIES



HYTEK TOOLS®

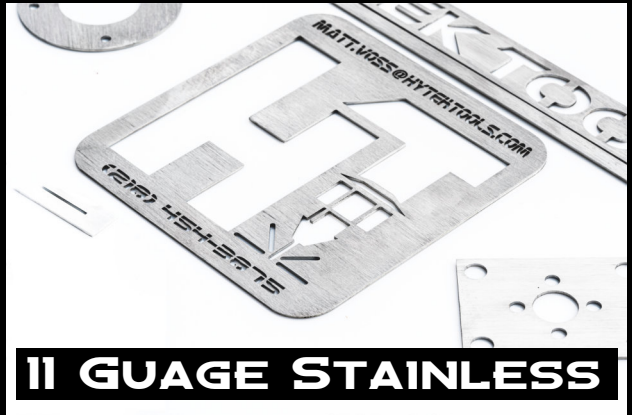
(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

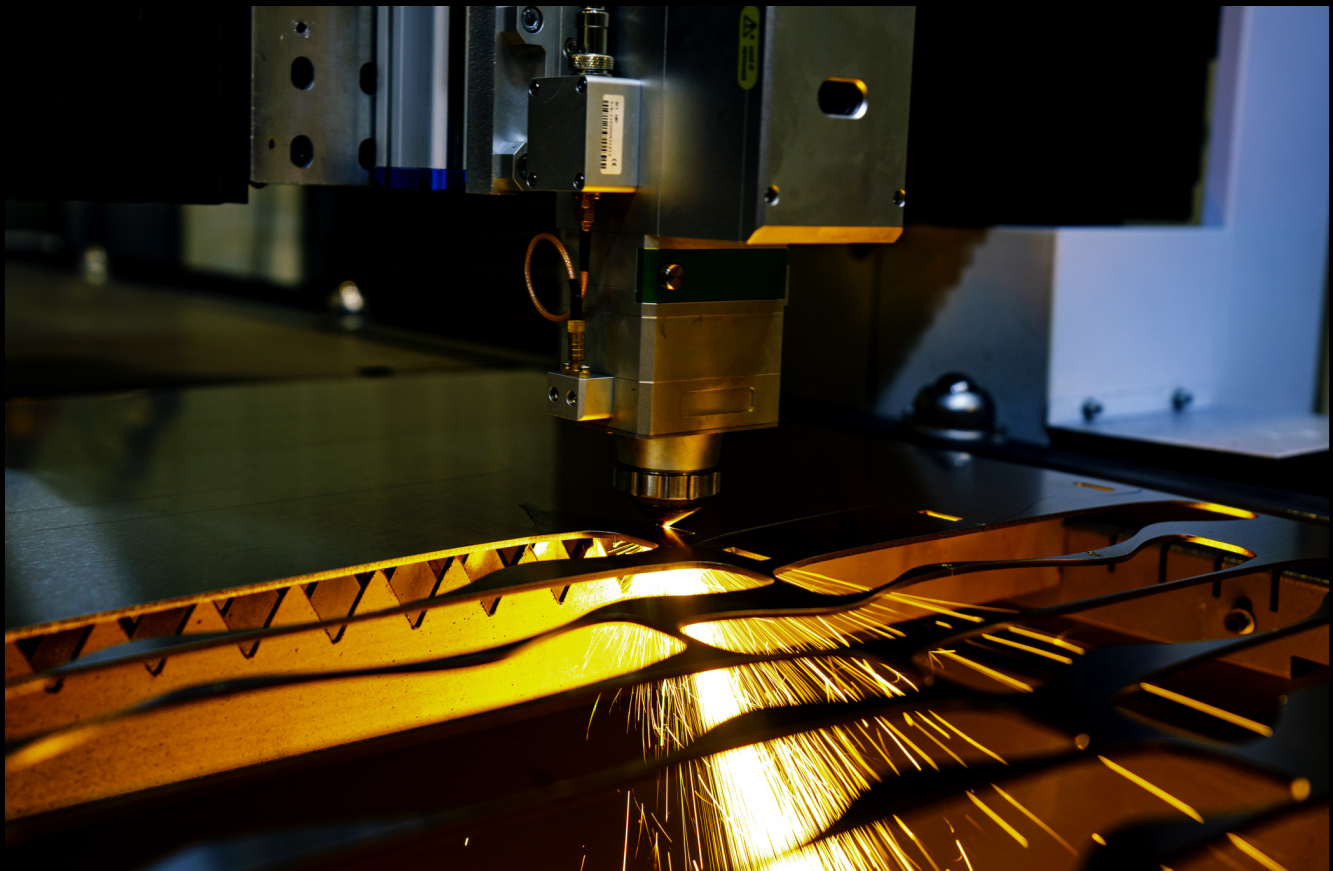
LASER CUT SAMPLES AND CLOSE-UPS



1" MILD STEEL



11 GAUGE STAINLESS



HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

CONSUMABLES IN STOCK

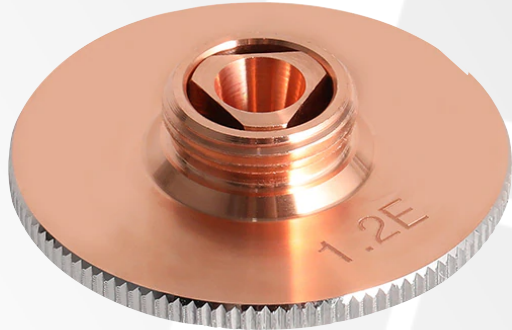
Order Online - Lense Nozzles Ships within 24 Hours

LASER LENSE LASER NOZZLES

\$75 - 10pk



\$85 - 10pk



Scan To Order



HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

FIBERTEK WATER CHILLER RANGE

S&A Water Chiller Range 1000w-12000w Industrial Chillers



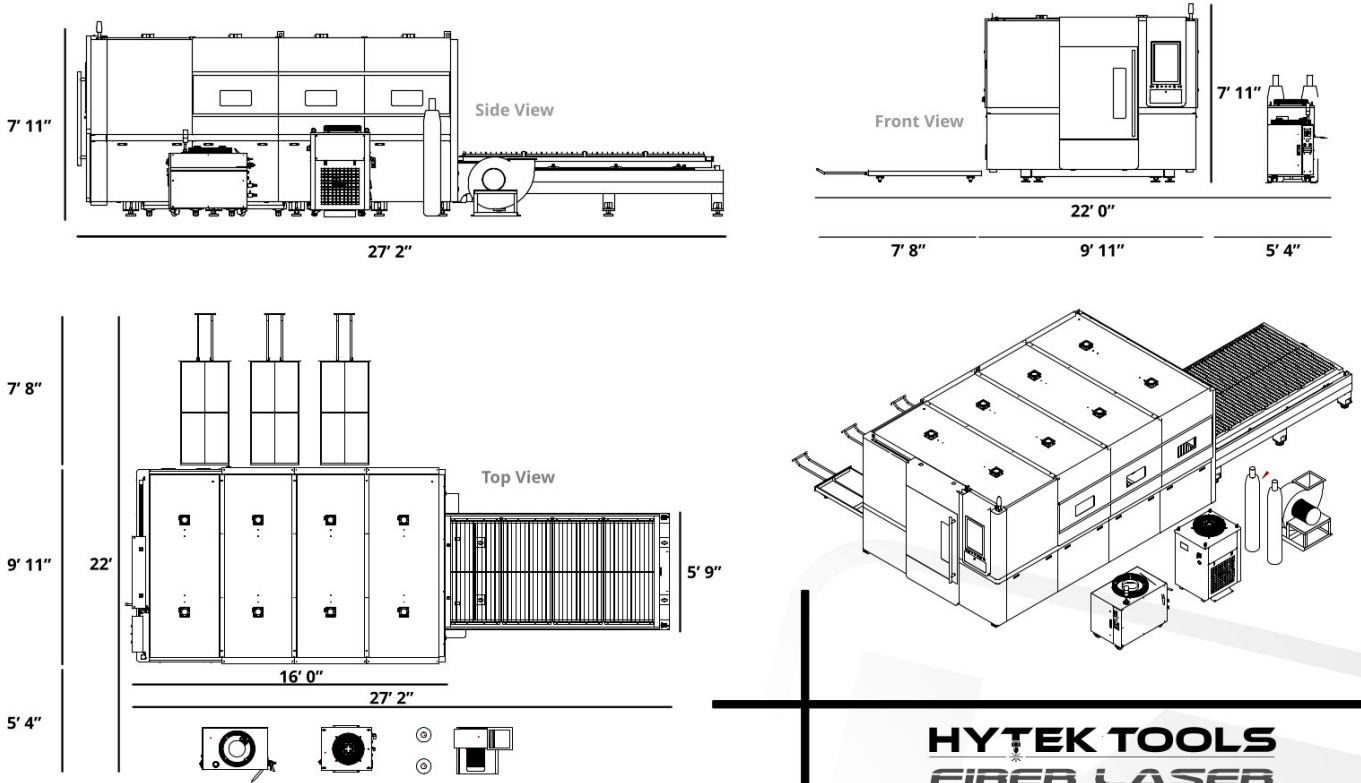
HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

FIBERTEK™ FOOTPRINT

In Feet - Inches (Note Allowance For Accesories)



HYTEK TOOLS
FIBER LASER
5x10
Foot Print Dimensions

HYTEK TOOLS®

(218) 454-3875
mj@hytekttools.com

FIBER TEK™
FULL ENCLOSURE - DUAL EXCHANGE
4X8 5X10 6X12

FIBERTEK™ DELIVERY TIMELINE

Made to order in 12-14 weeks



www.HYTEKTOOLS.com
mj@hytekttools.com

Scan To Order

