

HYTEK TOOLS®

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FIBERTEK™

MINI CUBE FIBER LASER

2X2



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

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 REALIABILITY, SUPPORT

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

Fiber Laser Power Range:

1000w-1kw IPG
2000w-2kw IPG



LASER HEAD SELECTION

Laser Heads Are Very Important To Get Right!

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

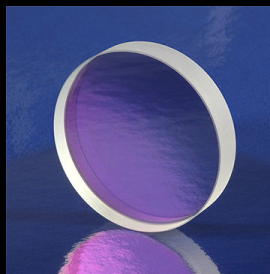


TABLE CONSTRUCTION AND HIGHLIGHTS

- 2ft x 2ft cut dimensions w/ push through and rear Loading
- IPG Photonics (USA) laser source
- Frame 3/8" welded steel tube
- Aviation grade aluminum gantry
- Blade style table surface
- X, Y axis - helical rack and pinion
- HiWin linear high precision stainless steel guide rails & bearings
- 4000 lbs table weight
- 40 ton pressed 6061 laser car gantry material

MACHINE ELECTRONICS

- 1000w-2000w fiber laser (see capability chart below)
- Yaskawa servo drivers & motors
- Schneider electrical components
- Water chiller & exhaust fan included



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MACHINE STATISTICS - POWER - CAM

- Up to 4000in/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 AC220v-600v three phase

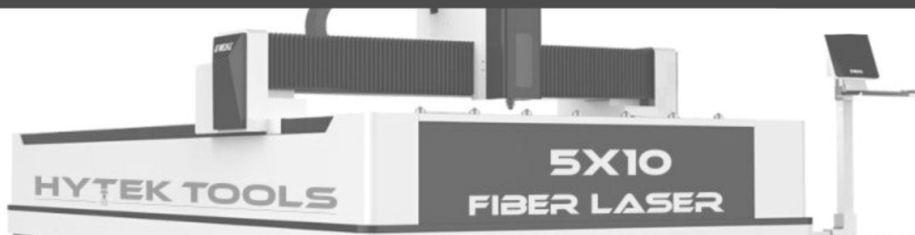
HYTEK TOOLS WARRANTY AND SUPPORT

- 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



FIBERTEK™ CUT CAPABILITY/THICKNESS

A General Guide for FIBERTEK CUT ABILITIES



Fiber Laser - Capability Guide

IPG Fiber Laser Power	Material Thickness	.125"	.30"	.47"	.60"	.75"	.95"	1.0"	1.25"	1.4"	1.5"	1.7"	1.8"	1.9"
		3mm	8mm	12mm	16mm	20mm	24mm	28mm	32mm	36mm	40mm	44mm	48mm	52mm
1000W	Carbon Steel													
	Stainless Steel													
	Aluminum													
	Non-Ferrous Metals													
1500W	Carbon Steel													
	Stainless Steel													
	Aluminum													
	Non-Ferrous Metals													
2000W	Carbon Steel													
	Stainless Steel													
	Aluminum													
	Non-Ferrous Metals													
3000W	Carbon Steel													
	Stainless Steel													
	Aluminum													
	Non-Ferrous Metals													
4000W	Carbon Steel													
	Stainless Steel													
	Aluminum													
	Non-Ferrous Metals													
6000W	Carbon Steel													
	Stainless Steel													
	Aluminum													
	Non-Ferrous Metals													
8000W	Carbon Steel													
	Stainless Steel													
	Aluminum													
	Non-Ferrous Metals													
10000W	Carbon Steel													
	Stainless Steel													
	Aluminum													
	Non-Ferrous Metals													
12000W	Carbon Steel													
	Stainless Steel													
	Aluminum													
	Non-Ferrous Metals													
15000W	Carbon Steel													
	Stainless Steel													
	Aluminum													
	Non-Ferrous Metals													

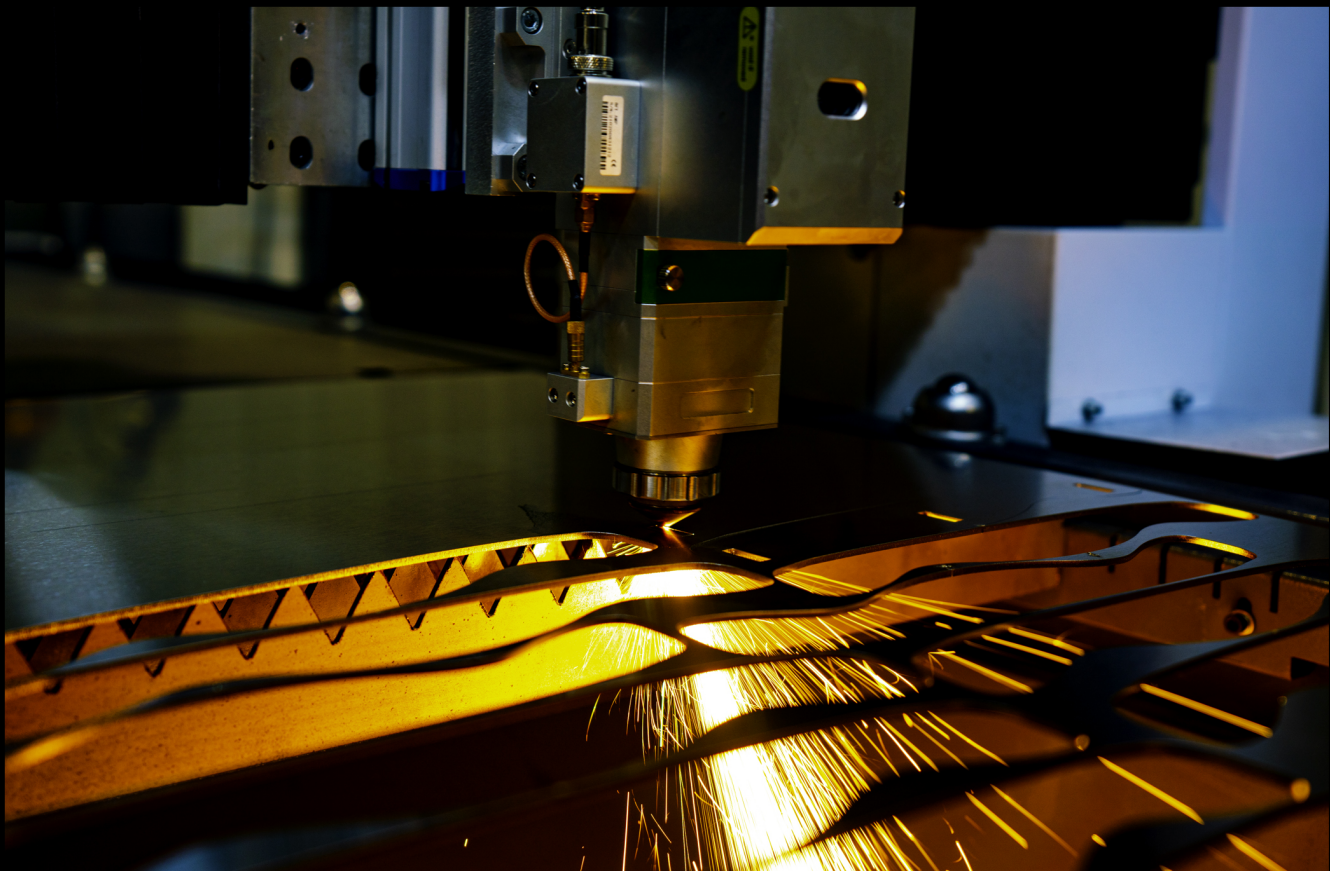
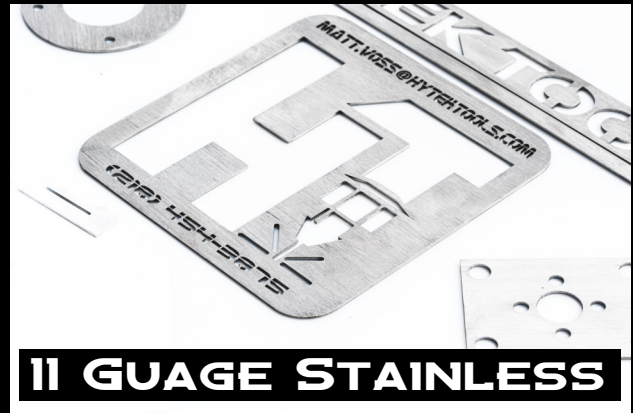
 Max Cutting Thickness

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LASER CUT SAMPLES AND CLOSE-UPS



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CONSUMABLES IN STOCK

Order Online - Lense Nozzles Ships within 24 Hours

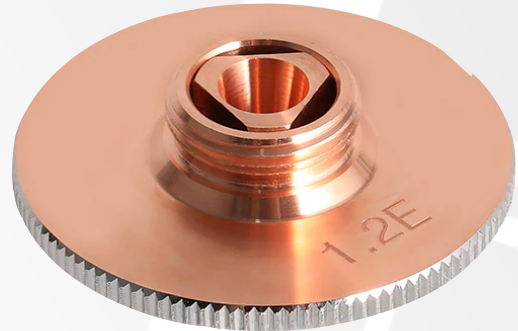
LASER LENSE

\$75 - 10pk

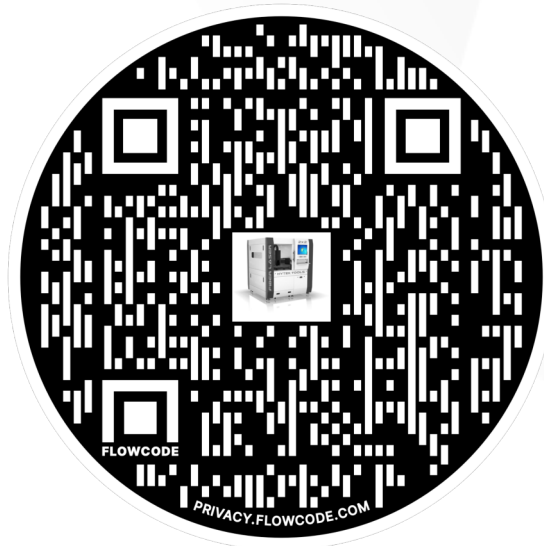


LASER NOZZLES

\$85 - 10pk



Scan To Order



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FIBERTEK™ EX2

FIBERTEK WATER CHILLER RANGE

S&A Water Chiller Range 1000w-6000w Industrial Chillers



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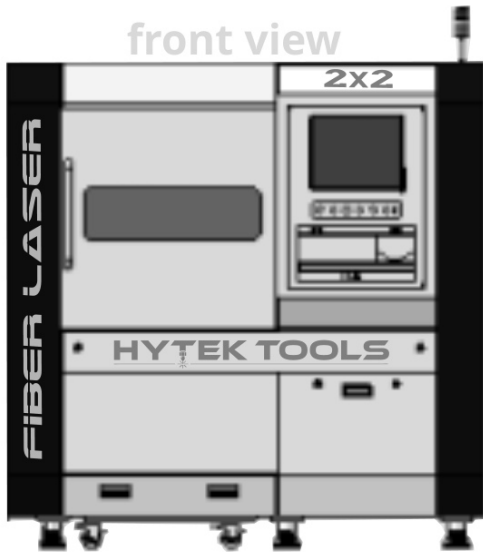
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FIBERTEK™ **2x2**

FIBERTEK™ 5X10 FOOTPRINT

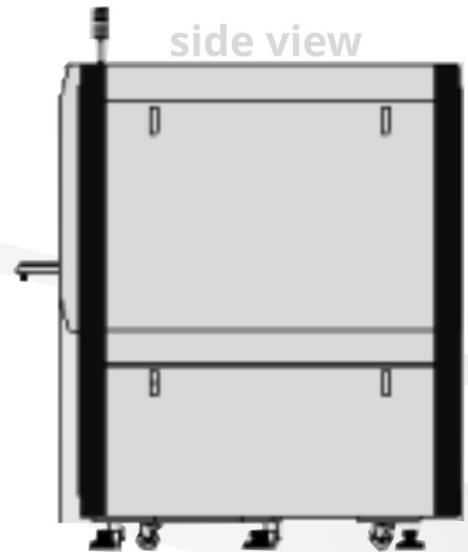
In Feet - Inches (Note Allowance For Accesories)

front view



5'-11"

side view



6'-2"

5'-0"

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Foot Print Dimensions

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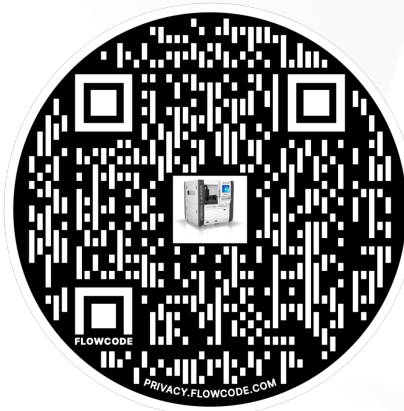
FIBERTEK™ DELIVERY TIMELINE

Made to order in 12-14 weeks



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