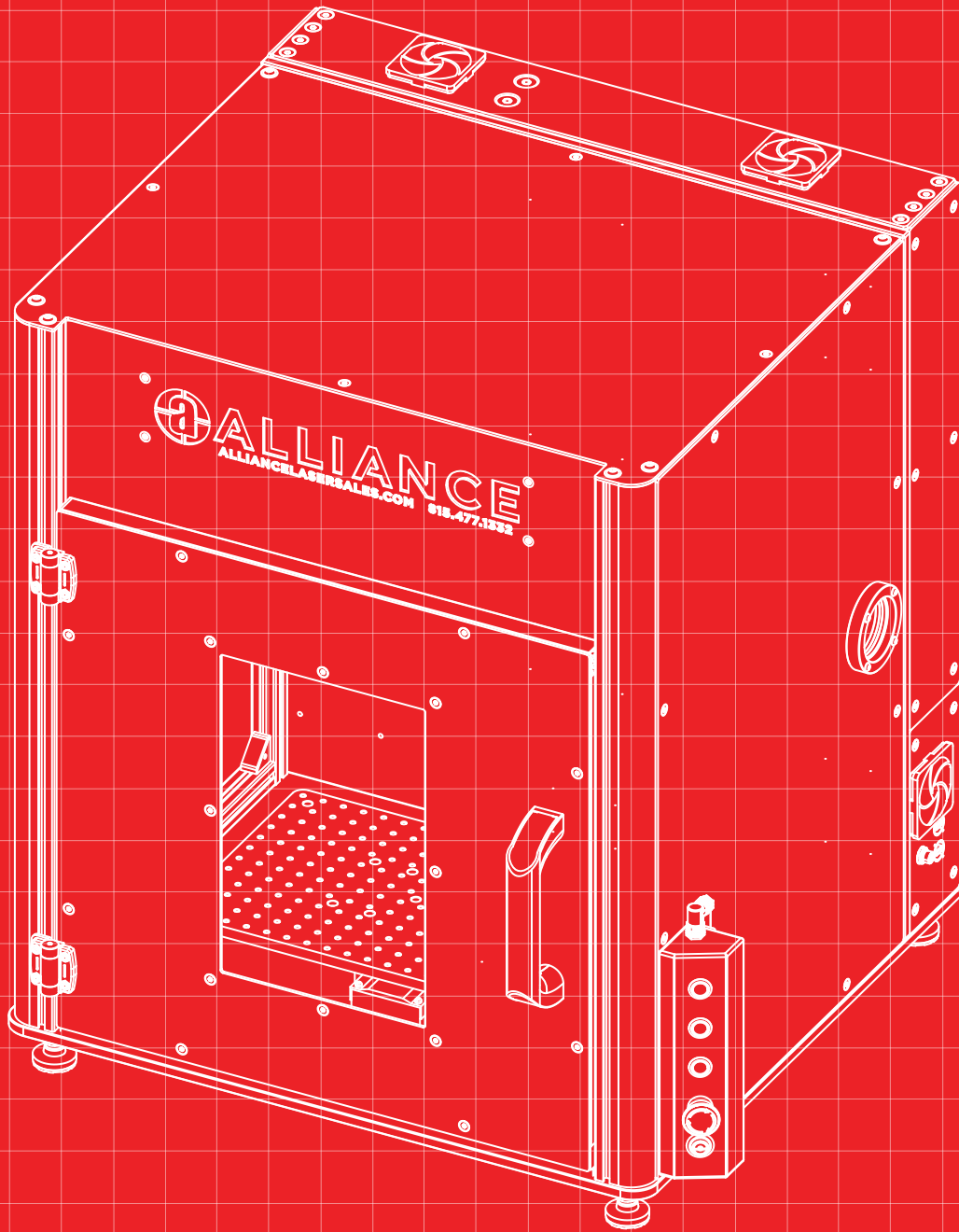




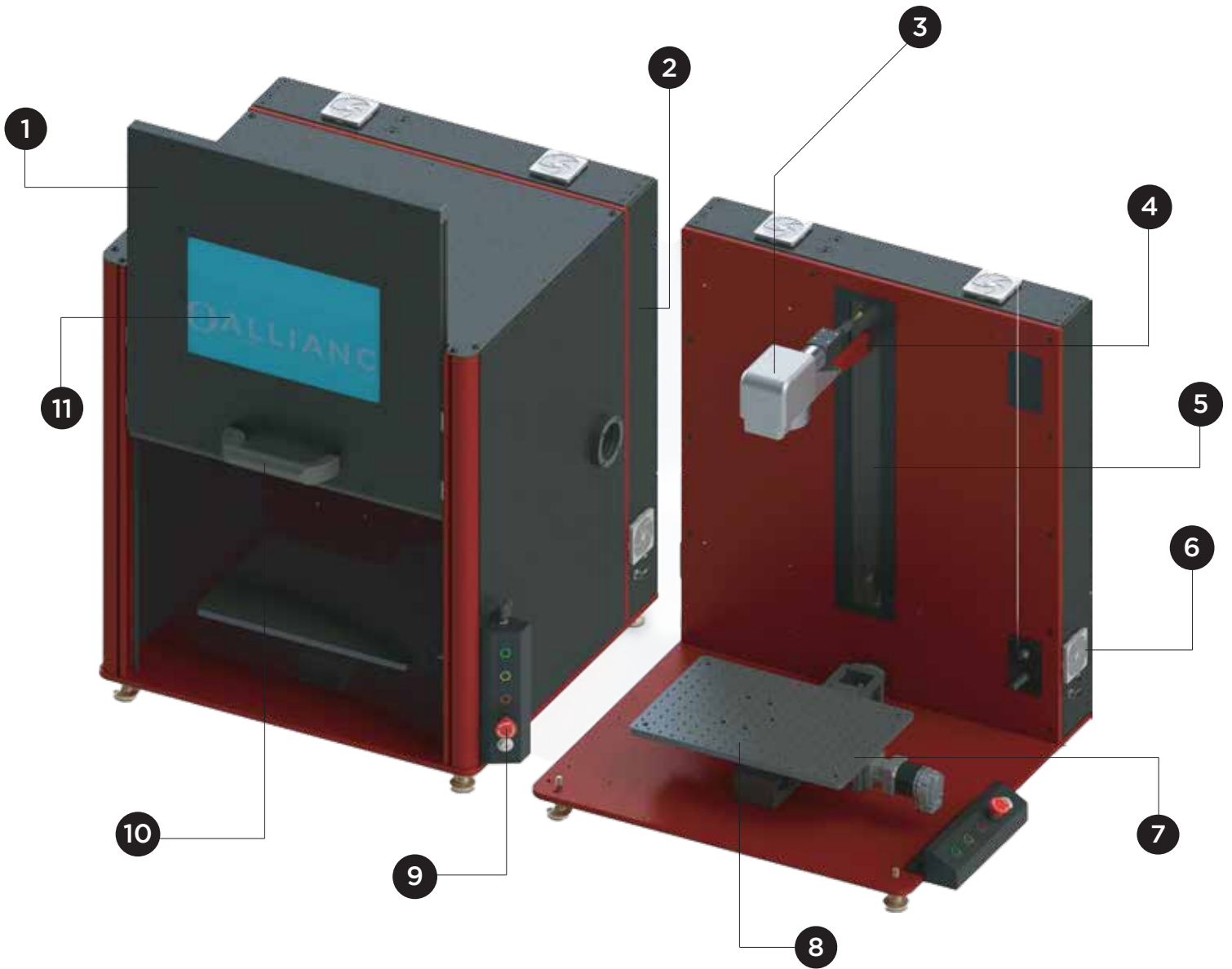
**ALLIANCE**  
ALLIANCE LASER SALES, INC.



# ADVANTAGE

LASER ENGRAVING SYSTEM

# **ADVANTAGE** LASER ENGRAVING SYSTEM



- 1** ERGONOMIC DOOR SLIDES EASILY UP AND DOWN
- 2** REMOVABLE SIDE PANEL ALLOWS FOR MAXIMUM FLEXIBILITY
- 3** FIBER LASER SOURCE FOR RELIABLE EMISSION
- 4** ADJUSTABLE HEIGHT, ABLE TO MARK PARTS UP TO 23" TALL
- 5** PROGRAMMABLE POWER Z AXIS FOR RELIABLE AND REPEATABLE PERFORMANCE
- 6** AIR COOLED POWER SOURCE
- 7** TOOLING PLATE HELPS TO ALIGN PARTS CONSISTENTLY AND EASILY
- 8** PROGRAMMABLE X AND Y AXIS FOR MAXIMUM FLEXIBILITY
- 9** START/STOP CONTROLS EASILY ACCESSIBLE
- 10** INTERLOCKED DOOR FOR OPERATOR SAFETY
- 11** LARGE LASER-SAFE VIEWING WINDOW

# DESIGNED TO HELP YOU LEAVE YOUR MARK

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Experience the Alliance Advantage: the all new American made, laser engraving system, engineered and built for industrial applications.

Utilizing MOPA fiber laser technology, the Advantage system provides the most flexible and robust application to meet all of your engraving and marking needs. Our laser sources are teamed with a highly advanced software that allows the end user to reach the most demanding specifications, and easily mark text, graphics and more, with the use of a PC.

This benchtop design features multiple power offerings ranging from 20 – 200-watts, flexible engraving windows, and an industry leading Z-height for taller parts. In addition, the system can be configured to handle programmable X and Y slides, as well as rotary devices for round part marking. This system will provide you the Advantage you need for marking and engraving your most complex applications.

**MACHINE BENEFITS:**

- Compact footprint cabinet
- Complete turnkey solution
- Built-in motion control (up to 4 axis)
- Guide laser for easy part alignment
- Air-cooled maintenance free fiber laser source

**FIBER LASER BENEFITS:**

Fiber lasers are the most efficient easiest to maintain laser made today. They use diodes coupled with fibers to replace the YAG crystal and lamp assembly that typically wear down. These laser types have extended service life, higher power versatility, and greater wall plug efficiency.

**MATERIAL APPLICATION:**

Steel, Aluminum, Alloys, Polymers, Leather, Rubber, Plastics and more.



# ADVANTAGE

L A S E R   E N G R A V I N G   S Y S T E M

## TECHNICAL SPECS:

	20 W	30 W	60 W	80 W	100 W
PRODUCT NAME:	ADVANTAGE TABLETOP ENGRAVER				
LASER SAFETY:	CLASS 1 OR CLASS 4				
BEAM SOURCE:	YTTERBIUM FIBER				
FIBER TYPE:	MOPA				
WAVELENGTH:	1070 nm +/- 15nm				
PULSE DURATION:	2 TO 500 ns				
FREQUENCY RANGE:	1- 4000 kHz				
FOCUS ALIGNMENT:	CLASS II RED DIODE (635 nm)				
POWER REQMT:	110 VAC				
ENERGY ADJUSTMENT:	10 - 100%				
STD. MARKING FIELD:	6.7" X 6.7"				
OPT, MARKING FIELDS:	4" X 4" or 9" X 9"				
OPERATING TEMP.:	32° to 104° F				
COOLING REQMT:	AIR				
CONNECTION TYPE:	USB				



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