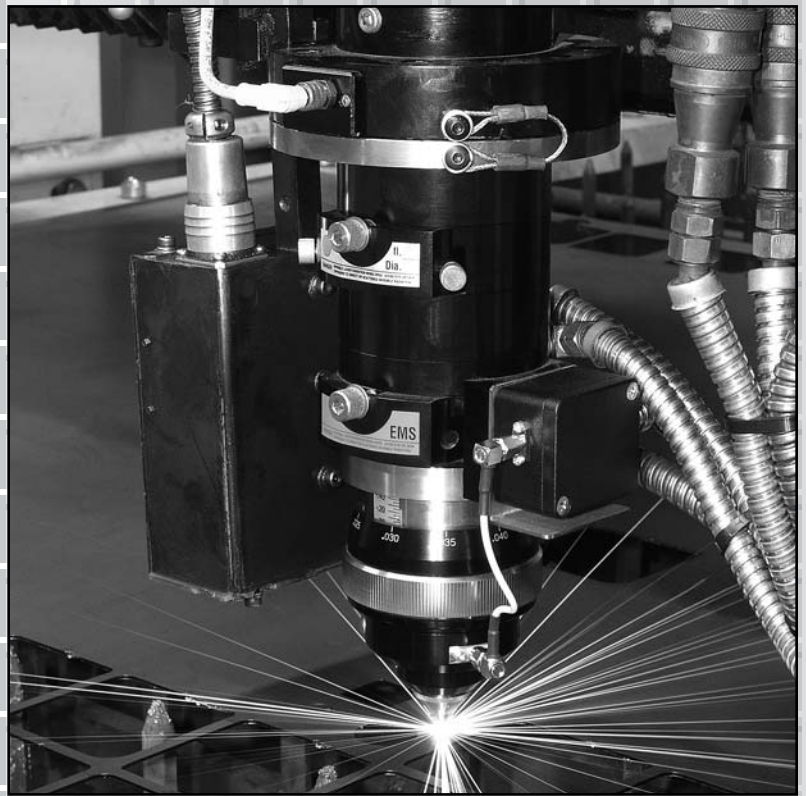




REPLACEMENT
PARTS & SERVICE

MITSUBISHI® CUTTING HEAD UPGRADE

H Series®, LXP®, LZP®



PROVIDING ADVANCED

SOLUTIONS FOR

LASER DELIVERY SYSTEMS

LASER MECH MITSUBISHI® CUTTING HEAD UPGRADE

Laser Mech's Mitsubishi Cutting Head Upgrade brings state-of-the-art laser processing technology to your existing Mitsubishi flatbed cutting machine.

Cartridge Style Lens Holder

The head upgrade features Laser Mech's industry-leading, cartridge style lens holder. The cartridge design allows you to easily remove lenses for inspection or cleaning, and replace them without the need for realignment. In fact, cartridge removal, inspection and replacement takes a matter of seconds!

Dual Focal Lengths

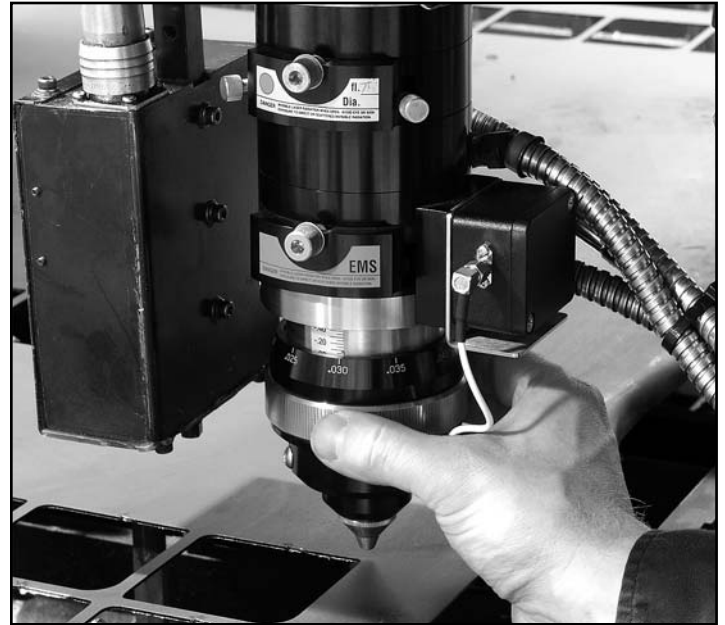
A dual focal length head will increase your processing capability, decrease changeover downtime and eliminate the need for a second head.

Magnetic Crash Protection

Laser Mech's magnetic crash protection minimizes the potential for damage to the system or workpiece in the event of a crash situation. Magnetic crash protection allows for immediate head reset using no tools – no broken screws or stripped threads. The head quickly references back to its standard operating position with no realignment or refocusing required.

External Focus Adjustment

The Laser Mech Mitsubishi Cutting Head Upgrade features an external, hand-adjustable focus ring and a pre-



Precision, repeatable focus in seconds with no tools required

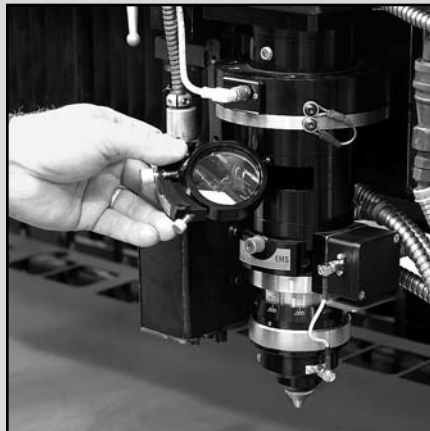
cision focus scale for establishing accurate, repeatable focus settings. With a Laser Mech head you can perform rapid focus changes without the need for disassembly.

Call Laser Mech or your local distributor today for more information on how our Mitsubishi Cutting Head Upgrade can enhance your machine's performance and increase your overall productivity.

LENS CARTRIDGE SYSTEM



Lens removal is quick and easy with our lens cartridge system



Simply slide the cartridge out to inspect, clean or change the lens



Replace the cartridge and the machine is ready to go

MAGNETIC CRASH PROTECTION



Crash occurs separating cutting head from machine



Operator resets head instantly with minimal downtime



Ready to run with no damage or realignment required

AVAILABLE CONFIGURATIONS

Contact Stylus Foot Follower Heads

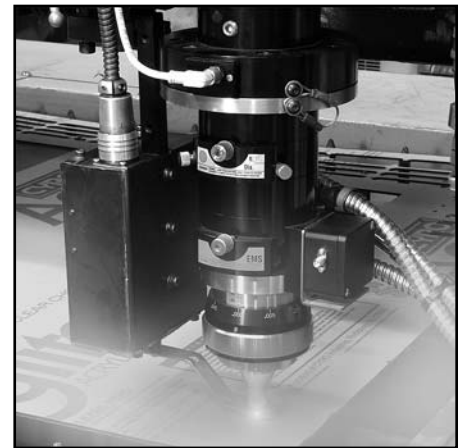
For use with existing stylus foot follower (spoon) machine configurations.

Non-Contact, Capacitive Height Sense Heads

Electronically-controlled heads work with your machine to follow workpiece contour. Existing stylus foot follower (spoon) system remains in place for quick changeover to non-metal cutting.

"At less than half the cost of the German-made head, we were able to afford the Laser Mech Mitsubishi upgrade – which included multiple features we were looking for."

Dowding Industries
Eaton Rapids, MI



Contact Cutting

LASER MECH CAPACITIVE HEIGHT SENSE UNIT

Laser Mech's Capacitive Height Sense Unit (HSU) brings true non-contact cutting capabilities to your existing Mitsubishi machine. While the stylus foot (spoon) can mar certain metallic surfaces, the Laser Mech Capacitive HSU preserves a clean, scratch-free finish.

When used with one of our non-contact heads, the Laser Mech Capacitive HSU senses the distance to the metal surface and maintains a constant standoff while cutting. This creates consistent cut quality even if the material is bowed or warped.

For non-metallic material, where contact following is required, select the original sensor and reattach the O.E.M. stylus foot (spoon) – it's that easy!

With the capacitive HSU's one-button calibration, even novice machine operators are up and running quickly. Housed in a rugged, metal enclosure, the Laser Mech Capacitive HSU is engineered to deliver years of reliable service. And like all Laser Mech upgrades, the capacitive HSU is simple to install.



KEY FEATURES

- Uses existing hole patterns – arrives ready for rapid installation
- Magnetic crash protection provides immediate head reset – no shear pins, broken screws or stripped threads
- Cartridge style lens holder reduces downtime
- Dual focal length head matches cutting conditions to material
- One-year limited warranty
- Safety interlock interfaces with existing hardware
- External, hand-adjustable focus provides accurate, repeatable focus settings
- All replacement parts are in stock for immediate shipment
- A variety of off-the-shelf nozzles are available for processing different material
- State-of-the-art upgrade increases resale value of Mitsubishi machine
- The addition of Laser Mech's Capacitive Height Sense Unit (HSU) brings true non-contact cutting to your existing Mitsubishi machine

Contact Laser Mech or your distributor for more information on cutting head upgrades for other popular brands.

FREQUENTLY ASKED QUESTIONS

- Q** Is the Laser Mech Capacitive HSU complicated?
- A** No. Calibration is surprisingly simple with the press of a single button. Once calibrated, the system runs automatically without the need for constant monitoring.
- Q** If I install the Laser Mech Capacitive HSU can I still cut non-metallic materials?
- A** Yes. Just reattach the foot follower (spoon) and select that sensor on the control panel.
- Q** Do I need to realign the head if I remove a lens?
- A** No. Our head design features a unique lens cartridge system that, once adjusted, retains lens alignment when removed for cleaning or replacement. No further alignment is required.
- Q** Will a Laser Mech Mitsubishi Cutting Head Upgrade adversely affect my machine?
- A** No. Installing a Laser Mech head upgrade onto a properly working Mitsubishi flatbed cutter will in no way change the machine's functionality. With the addition of a Laser Mech Capacitive Height Sense Unit (HSU), you'll actually expand your machine's capability to include true non-contact metallic cutting.
- Q** Will the addition of a magnetic crash protector impact my productivity?
- A** Yes. It actually increases productivity, even if you never crash the head. The fact that a typical head reset takes just seconds with no damage or costly repairs speaks for itself. But even without a crash, if you need to check something on the head, you can do it in seconds with no need for tools or realignment.



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