

MC MACHINERY SYSTEMS, INC.

a subsidiary of Mitsubishi Corporation



SHOW PREVIEW

SHOW HOURS

MONDAY

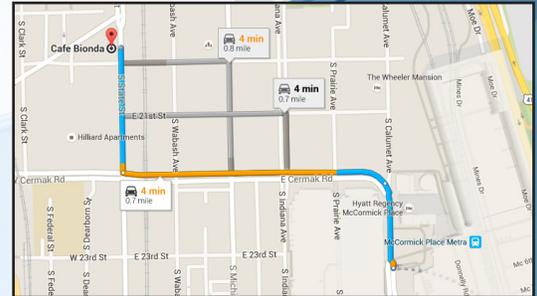
NOVEMBER 9, 2015
10AM-6PM MCCORMICK PLACE

Hospitality Night
at **Cafe Bionda**

6:30pm - 11:00pm
1924 S State St, Chicago, IL 60616
GREAT ITALIAN FOOD & DRINK
Tickets required for entry

ESPN
MONDAY NIGHT FOOTBALL

Bears vs Chargers



McCormick Place

TUESDAY

NOVEMBER 10, 2015
9AM-5PM MCCORMICK PLACE

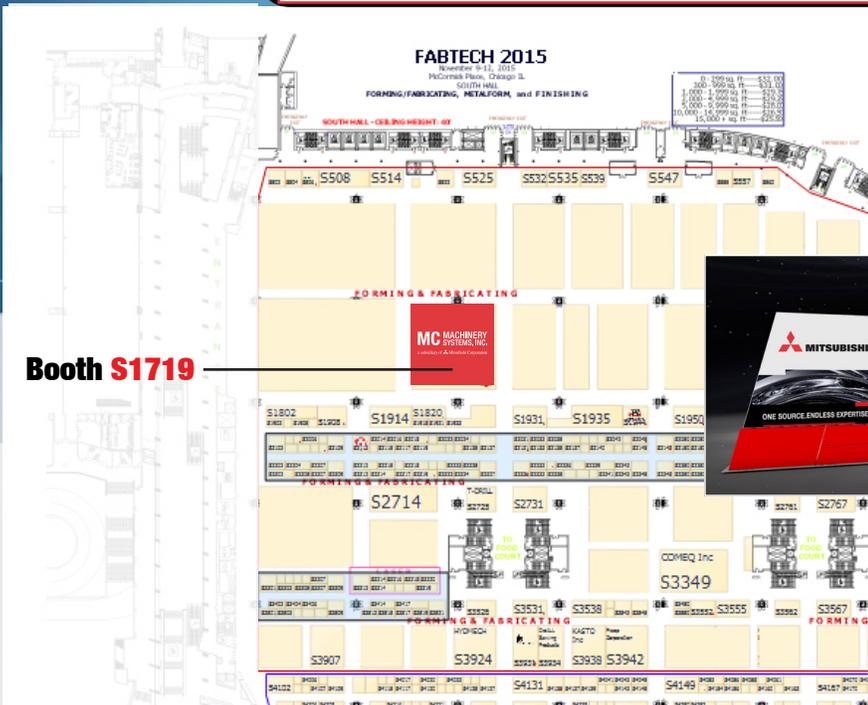
WEDNESDAY

NOVEMBER 11, 2015
9AM-5PM MCCORMICK PLACE

THURSDAY

NOVEMBER 12, 2015
9AM-3PM MCCORMICK PLACE

BOOTH S1719 SOUTH HALL FLOOR PLAN



PRODUCT PREVIEW

3015eXF 60 ZOOM



NEW!

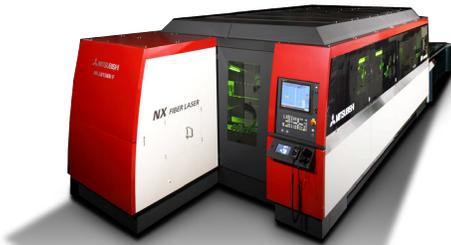
Introducing ZOOM Fiber Laser

Making its debut at this year's show is our latest most powerful and fastest FIBER machine to date. The Mitsubishi ZOOM Fiber is built on the platform of our eX series machine, our most popular selling model. It is built on a heavy duty, single platform and incorporates important advancements to accommodate the speed of Fiber technology including.

Machine Travels: X x Y x Z (in)	122 x 61 x 5.9
Workpiece Size: W x D (in)	120.1 x 60.0
X and Y simultaneous travel speed	5550
Available Oscillator: (model number/wattage output)	4000 Watt Fiber Z4000 Watt Fiber Z6000 Watt Fiber



NX40 Fiber Laser



Fiber laser technology offers customers another option in laser-cutting equipment. Fiber optics provide a faster beam for higher cutting speeds—ideal for the cutting of thinner materials. Now, Mitsubishi Laser has a fiber laser option: The new NX-F fiber laser machine series features an advanced beam, high-speed controls and preset autofocus processing head for fast, accurate production.

Machine Travels: X x Y x Z (in)	125.9 x 62.9 x 4.7
Workpiece Size: W x D (in)	120.1 x 60.0
X and Y simultaneous travel speed	6680
Available Oscillator: (model number/wattage output)	2500 Watt Fiber 4000 Watt Fiber



3015 SR CO2 Laser



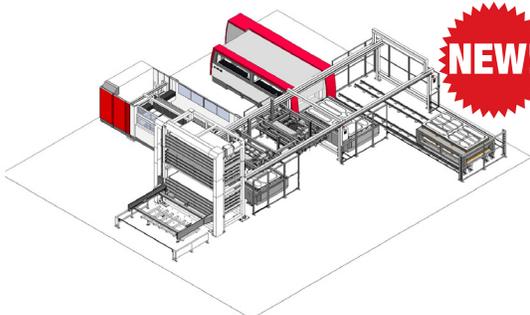
NEW!

The SR is an entry level CO2 machine packed with features. Like its predecessor the eX S the SR is designed to meet the needs of most demanding users in today's 24/7 competitive manufacturing environment. Faster movement, more powerful piercing and an ECO mode that provides, even, more running cost, savings to the most cost friendly machine in the market today. An improved resonator design delivers a better beam which results in up to 40% gains in thick plate and up to 80% improvement in surface finish in Stainless Steel.

Machine Travels: X x Y x Z (in)	122 x 61 x 5.9
Workpiece Size: W x D (in)	120.1 x 60.0
X and Y simultaneous travel speed	5550
Available Resonators: (model number/wattage output)	2700 Watt CF



AUTOMATION



NEW!

Ultimate Productivity

Introducing our NEW MSCV Automation System! This year at Fabtech we will be running our NEW Zoom Fiber eX 60 and our NX 40 on a 12 shelf automated tower. No one has automation as fast as Mitsubishi with the new MSCV automation system. FIBER brings you speed, but to gain productivity you need automation that can keep up. Check out this Fiber Automation Cell Live at Fabtech.

MSCV Automated Tower
12 Shelves – 6,000lb capacity per shelf 72,000lbs capacity 5x10 Features independent load/unload Increased elevator speed Increased shuttle time



PRODUCT PREVIEW



PRESS BRAKE DSXL100-26

The Diamond Smart CNC Hydraulic Press Brake offers real innovation for small- and medium-size sheet metal working companies. This synchronized hydraulic press brake features numerical CNC control for simple operation, quick and easy part programming, easy machine setup, auto calculation of the bend angle and back gauge position, and angle and back gauge correction.

Press Force (ton)	110 (US)
Bending Length (in)	102.4
Ram Stroke (in)	11.8
Backgauge Distance (in)	25.6



PRESS BRAKE DEXL135-30

The Diamond Elite XL Series machines with heavy welded frames and the latest in motors, valves and controls, bring to the market an affordable and reliable machine for years of solid performance. The Diamond Elite utilizes Finite Element CAD design and the most stringent manufacturing technologies during production to make the highest quality machine. Based on years of experience and the highest quality components, the Diamond Elite is a clear investment to increase productivity.

Press Force (ton)	149 (US)
Bending Length (in)	118.9
Ram Stroke (in)	12.6
Backgauge Distance (in)	40



NEW!

PRESS BRAKE BB6020

From the originators of the world's first electric press brake, the BB Series offers solid performance and know how in bending. The BB Series ball screw press brake with 100% MITSUBISHI electronics, motors and servo drives, features an AC Servo motor and ball screw mechanism for high speed productivity and repeatability ($\pm 0.001\text{mm}$). When you need accuracy every time, you can count on the BB Series. The ram shaft drive enables high-speed movement at 100mm per second and incredible ram repeat-stop accuracy. The high speed, high precision back gauge has a four micron positioning accuracy thanks to MITSUBISHI motor technology.

Capacity (ton)	60 (US)
Bending Length (in)	82.7
Stroke Length (in)	5.9
Backgauge Distance (in)	25.6



PRESS BRAKE BH135-30

The Diamond BH "Dual Drive" system controls high-speed up and down movement with a ball screw and bending movement by hydraulic piston. The Dual Drive System allows high-speed down-movement at 200 mm per second with high repeat-stop accuracy. In addition, the Dual Drive System offers energy savings thanks to an assist device that stores the energy of down movement and returns it during ram up movement. The ram floats on a gas cushion, thereby greatly diminishing the weight to return the ram to the top of stroke.

Press Force (ton)	149 (US)
Bending Length (in)	122
Stroke Length (in)	15.7
Backgauge Distance (in)	33.5



NEW!

DM800 MILLING

The DM Series is great in mold and die applications and excels in close-tolerance work. The 20,000-RPM HSK-A63 spindle features a more rigid and accurate tooling system with the flexibility to do fine, intricate work. The 32-position automatic tool changer will provide better tool-life management and increase the machines' productivity. Complete with linear scales and roller guide-ways, the DM series is the machine you want when performance matters most.

Machine Travels: X x Y x Z in	31.5 x 19.7 x 21.3
Arm Type ATC Tool Count Tool Taper	32 / HSK-A63
Spindle HP (cont/30 min)	20 / 24
Spindle Speed	20,000

SPECIAL FINANCING!

3.95% Financing for 60 MONTHS!

MAC FUNDING CORPORATION
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www.memachinery.com



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B O O T H S 1 7 1 9

TANAKA LASER



TANAKA PREVIEW

At this years Fabtech learn about a brand new Tanaka offering! It is now available with a Mitsubishi Resonator, drives and control. Come and compare our product offerings and meet with our product experts in the TANAKA laser center located in the middle of our booth.

Are you cutting large parts or consider yourself a plate shop? You need to see our product Experts in the Tanaka Laser Center Located in the center of our booth. This machine is TOO BIG to bring to the show but the work it does is incredible. Product experts are on hand to show you cutting samples and discuss TANAKA Laser technology with you.

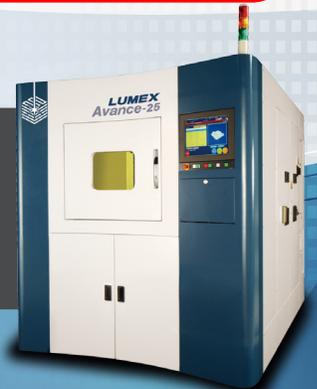
EMERGING TECHNOLOGY

ADDITIVE 3D PRINTING



ONE MACHINE, ONE PROCESS—COMPLEX MOLD MANUFACTURING

The LUMEX Avance-25 metal laser sintering hybrid milling machine is the only machine in the world which relies on one-machine, one-process manufacturing of complex molds and parts by fusing metal laser sintering (3D SLS) technology with high speed milling technology. The machine enables production of complicated parts through total manufacturing by digital engineering, using 3D data.



ELECTRON BEAM MACHINE



AMAZING CAPABILITIES

Introducing Electron Beam Machine from Mitsubishi Electric. Discover the efficiency and capabilities of this amazing technology. We sell multiple styles to meet the varying needs of our customers.

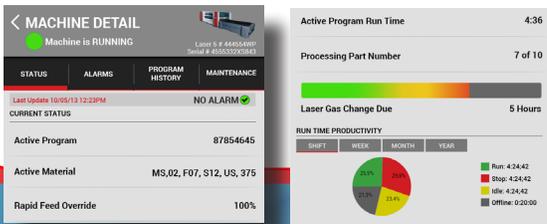
The characteristic electron beam weld exhibits: Deep penetration, Narrow fusion zone, Near parent metal strength, Inert atmosphere (vacuum).



Performs fantastic for the following applications: Turbine Blades, Engine rings, Cumbustor parts, Transmission parts, Gearbox components, Airbag inflators, and Turbocharger shaft wheel assemblies.

MC REMOTE 360

Analyze • Monitor • Produce



Our industry leading customer service takes center stage in our booth throughout the fabtech show. Talk to our regional managers and learn about our customer service process. This year our Customer Service department is excited to present REMOTE MONITORING on all Mitsubishi Laser products. When you visit our booth you will see first hand how and why remote monitoring of your laser equipment is advantageous and what it can do for your business.

Our Consumable products group will be on hand every day. Special show prices and giveaways will be presented.

