

YOUR BEST VALUE FOR PROCESSING SOLUTIONS









#### **Our Facility**

MP Equipment, part of the Middleby Corporation, is a fully integrated manufacturing and fabrication company located in the heart of Gainesville, GA. Our facility is a 100,000 square foot cutting edge complex, where all the components for your next water cutter are manufactured.

We have a full demonstration and customer service facility to ensure your experience exceeds your expectations. We encourage you to schedule a visit or demo with your Sales Representative to perform testing, a demonstration, a R&D project or develop cut solutions that will ensure your success.

#### History

MP Equipment is proud to have served the food processing industry for over 40 years with the core principles of offering quality equipment, and parts, providing superior customer service and technical support, with an emphasis on building partnerships with our customers that are grounded in reliability and trust. We design and manufacture all equipment and parts under the highest standards with exceeding your expectations as our priority.

In 2007 MP Equipment introduced the IntelliJet<sup>™</sup>, the first in the Jet Series<sup>™</sup> of water cutters, to the market, as a more state-

of-the-art and competitively priced option. Users were immediately excited about the unique features such as Windows based touch screen User Interface and a fully integrated pump. In the past 6 years MP Equipment has added two new products to the Jet Series™. In 2010 the MegaJet™ became the first 8 XY high capacity water cutter available to protein manufacturers. Then in 2014 MP Equipment introduced the MiniJet™ for specialized cutting and trimming applications.

MP Equipment has quickly earned a reputation for being a leader in water cutting and are excited to introduce you to the Jet Series™ product line.



The Jet Series<sup>™</sup> offers the highly accurate, high capacity, high yielding, water cutting solution you are seeking.

#### **Accuracy**

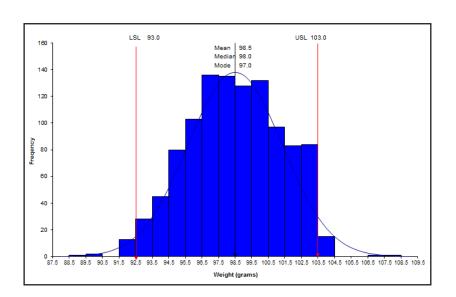
With the utilization of the most current camera and scanning technology available, the Jet Series™ machines provide accuracy to meet even the most difficult specifications. This coupled with the precisionary servo control system allows you to rest assured that your product is being cut accurately all day, every day.

#### Yield

The protein industry is becoming extremely competitive and the need to fully utilize raw materials has never been more critical. Fortunately for you, the Jet Series™ has a variety of high yielding opportunities. Additionally, with over 250 years of portioning experience, the MP Equipment team is dedicated to optimizing meat utilization.

#### Capacity

MP Equipment understands the growing demand of keeping high capacity further processing lines full and increasing the pounds per man-hour at your facility. With those thoughts in mind, the Jet Series™ was designed to provide extremely high volumes. With belts up to 36" wide, the availability of 8 XY cutters, and intelligent cut paths the Jet Series™ provides users with the opportunity to cut tens of thousands of pounds per hour.





# The Jet Series<sup>TM</sup> Advantages,

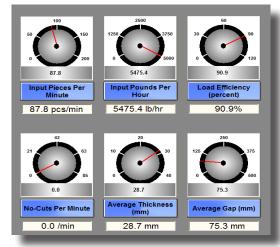


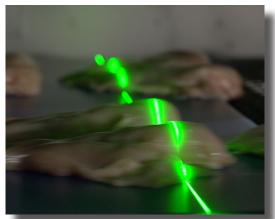
With 250 plus years of water cutting experience, MP Equipment understands what type of features and options are truly advantageous to you as an operator in a processing facility and have eliminated some of the headaches that are commonly associated with water cutting.

The Jet Series<sup>™</sup> comes fully equipped with features that both make operation easier and cost of ownership considerable lower. All advantages and cost-savings are standard on all machines in the Jet Series<sup>™</sup> product line.

#### **Advantages**

- High capacity Water Cutter
  - 8XY Cutter configuration available
  - Extended cutting envelope
  - Intelligent cut paths
  - Automatic speed control on all axes
- Fully integrated High Pressure Pump
  - Reduction in high pressure plumbing
  - One point connections for power and water
  - Critical points monitoring on machine
- State of the art single camera per lane technology
- Dual touch screens
- Windows based Operating System
  - Simplified User Controls
  - Production monitoring and tending
- Reliable non-obsolete Servo System
- Complimentary software upgrades for life of machine.
- Online remote trouble shooting







# Savings, Benefits, & Features

#### **Reductions in Operating Cost**

- Stainless Steel components (Servo Motors, A/C Unit, High Pressure Pump)
- Improved flexible high pressure "coil" design
  - Improved flexibility
  - Reduced downtime
  - Fewer support components and parts
- Mechanical SureLok™ door lock safety system
  - Increased Safety
  - Fewer Electrical components
- Simple Gearbox design
  - Fewer components
  - Simplifies repairs
- No specialty computer components
- Durable thick blue infeed belt
- Dependable conveyor drive system

#### **Benefits & Features**

- Integrated side hanging harvesting conveyors
- Angle nozzles available for tapered appearance
- Professional assistance with product development
- 90,000psi high pressure pump system available
- 24/7 technical support
- Complimentary installation support and week of start-up assistance









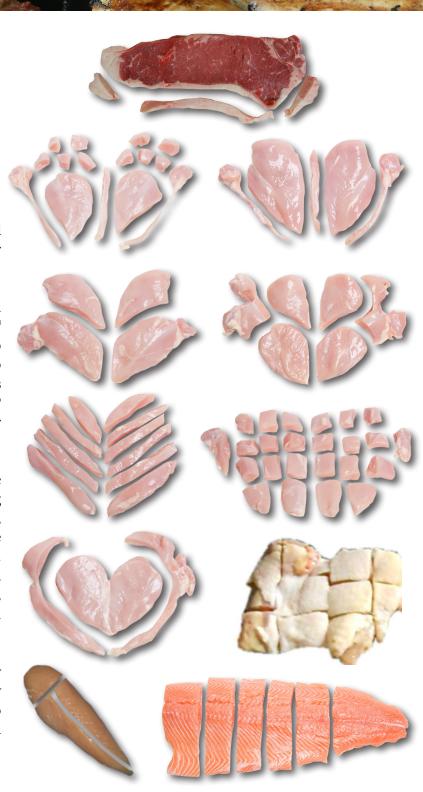
# The Jet Series<sup>TM</sup> has the product cutting versatility you deserve.

As a leader in water cutting, MP Equipment, is pleased to present the Jet Series<sup>TM</sup> of water cutters, which offer all the applications to specifically meet your needs.

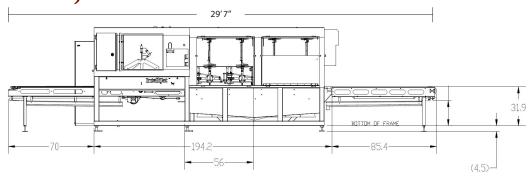
Need to cut nuggets, portion fillets, strips, retail products, all while trimming fat? Then the Jet Series™ has a machine for you. MP Equipment is proud to offer a library of applications designed and tailored to meet your needs and exceed your customer's desires for poultry, beef, fish, or pork. Furthermore, MP Equipment, offers custom software design for your new products, customers, or ideas.

In January 2015 MP Equipment launched the SpotOn™ software package with industry leading advancements in template controlled filelts, strips, fat trimming, meat utilization, and yeild all while maintaining the ease of the Jet Series™ User Interface. Additionally, as an owner of a Jet Series™ machine, you will always enjoy complimentary software upgrades, so as the industry grows, changes, or develops, so will your machine.

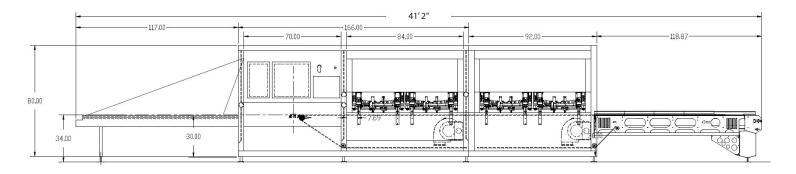
If you have a product you are currently cutting by hand, blade, or outdated water cutting technology call your MP Equipment Sales Representative to begin cutting products with the new machine you deserve.



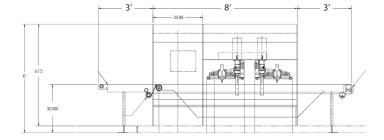
### $IntelliJet^{\tiny{TM}}$



## $MegaJet^{^{\text{\tiny TM}}}$



# MiniJet



## **Utility Requirements**

Machine	Power Requirements	Water Requirements	Air Requirements	Hydraulic Fluid
IntelliJet™	480V 3PH 175Amp	60psi filtered @	90 - 100 psi clean dry air	100 gallons
		6gpm		
MegaJet™	480V 3PH 250Amp	80psi filtered @	90 - 100 psi clean dry air	100 gallons
		8gpm		
MiniJet™	480V 3PH 75Amp	60psi filtered @	90-100 psi clean dry air	50 gallons
		5gpm		



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