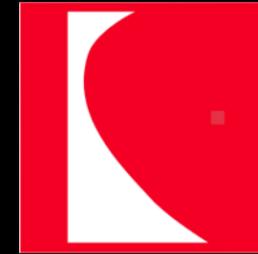




KOIKEJET



Koike Aronson, Inc. Ransome

Ultra-High Pressure KOIKEJET



KOIKEJET SPECIFICATIONS			
KOIKEJET MODELS	KOIKEJET 66	KOIKEJET 610	KOIKEJET 612
Overall Machine Length	114"	168"	192"
Effective Cutting Length	74"	122"	146"
Overall Machine Width	112"	112"	112"
Overall Cutting Width	74"	74"	74"
Overall Height (Without Whip)	86"	86"	86"
Table Height	40-11/16"	40-11/16"	40-11/16"
Z-Axis Travel (Motorized)	8"	8"	8"
Linear Accuracy (Per Axis)	± .003 in	± .003 in	± .003 in
Linear Repeatability (Per Axis)	± .001 in	± .001 in	± .001 in
Rapid Traverse Speed	500 IPM	500 IPM	500 IPM
Contour Speed Range	0 IPM-300 IPM	0 IPM-300 IPM	0 IPM-300 IPM
Machine CNC (Touch Screen)	Industrial CNC	Industrial CNC	Industrial CNC
Machine Drive System	AC Servo	AC Servo	AC Servo
Motion System	Precision Ground Ball Screw	Precision Ground Ball Screw	Precision Ground Ball Screw
Machine Voltage	220/1/60 @ 30Amp	220/1/60 @ 30Amp	220/1/60 @ 30Amp

*Specifications Subject To Change

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The KOIKEJET cutting system combines Koike Aronson's experience and unsurpassed customer support with the latest in waterjet technologies. Laser alignment, initial height sensing, and adjustable water level control improve cutting efficiency. Precision ground ball screw drives ensures accurate cutting motion. And the KMT intensifier pumps delivers state-of-the-art performance.

System are available in cutting width of 6ft. and lengths of 6, 10, and 12 ft (Custom sizes are available upon request). Its precision cutting eliminates secondary operations on metals from gauge thickness up to 8 in.

Koike Aronson /Ransome, Inc. • 635 West Main Street • Arcade, New York 14009

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Powered by KMT
60,000 and 90,000 psi High Performance Pumps

KOIKEJET

“The Koike Aronson of Waterjets.”

Features and Benefits

- Faster, Easier Maintenance
- Lower Cost, Longer Life
- Faster Cut, Thicker Material
- Longer Seal Life with High Pressure Seal Design
- Recommended Customer Water Quality



S-50hp 60,000 psi



Streamline 60hp 90,000 psi



SL-V 50hp 60,000 psi



Standard KOIKEJET Features:

- Standard Table Sizes: (6'x6', 6'x10' & 6'x12')
- Initial Height Control
- Laser Pointer
- Cutting Head Crash Sensor
- Adjustable Water level Control
- 8" Motorized Z-axis travel
- Pre-loaded linear bearing & precision ground ball screws



IDE™ II Abrasive Waterjet Cutting Head

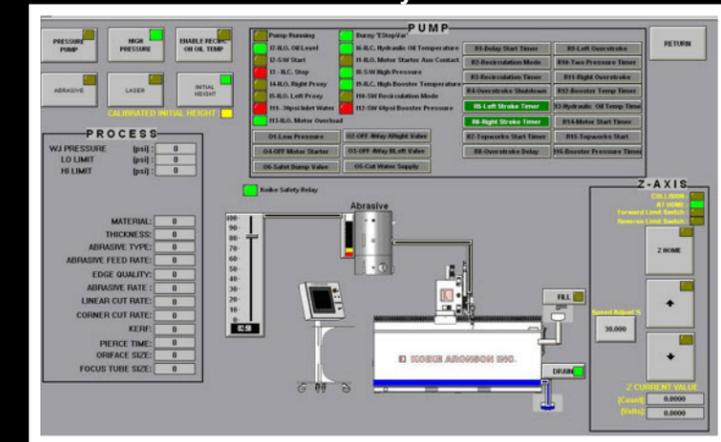
- Dead-on Alignment with Diamond Mounting Head.
- Mixing Chamber design with coalescing plenum.
- Faster cutting speed by precise alignment of the diamond orifice with the mixing tube.
- The integral diamond orifice reduces operating costs with faster cutting, extended focusing tube life time, and dramatically reduced downtime.

EZ Feedline Abrasive Metering System

- Cutting Flexibility: Accurate orifice dial control is pre-set with 6 of the most common range of settings.
- Consistent Accuracy: Hardened orifice plate minimizes changes in feed-rate over time due to orifice wear.
- Simplified Technology: Gravity feed design close to the cutting head eliminates abrasive waste.
- Non metallic design: Light weight, non metallic construction for easy cleaning and corrosion resistance.



KOIKEJET Cut Screen on Bury XL Controller



- 19" LCD Touch Screen
- USB Port
- IGEMS Software package
- Windows XP Embedded Technology (Allows the operator to maximize productivity by performing tasks quickly and in most cases, simultaneously)
- Accepts virtually all part program format



Aluminum 1/4"

*Other pumps available are 30hp @ 60,000 psi and 125hp @ 90,000 psi.

