



CUTTING, POSITIONING & WELDING EQUIPMENT

CUTTING EQUIPMENT QUOTATION

Prepared for:

SMITH MACHINERY CO INC

025790-R0

10/13/2022

Factory Contact:

Renee Bellomo, Sales Engineer
bellomor@koike.com
800 252 5232 ext. 294

Local sales Representative:

Steve Dewar
sdewar@weinacht.com
608-867-9942

Thank you for the opportunity to quote our Cutting Equipment. Koike Aronson/Ransome cutting products are manufactured for optimum durability, productivity and safety.

Please feel free to ask a sales representative about our **customer visit program**, and machine **leasing options**, or visit our web page www.koike.com for additional information.

ABOUT US:


Koike Aronson, Inc./Ransome is located in Arcade, NY and is a proud supplier of advanced cutting machines, welding positioning equipment, portable cutting/welding machines, and gas apparatus. Koike Aronson/Ransome cutting machines can be customized to fit most requirements, and our welding and positioning equipment can be made to accept work pieces of nearly any size. We have a comprehensive facility that incorporates the latest technologies to engineer and manufacture heavy-duty equipment for maximum rigidity and long life. Our engineers, service technicians, and business unit representatives have well over 450 years of combined experience, and our shop personnel have on average 25 years of experience each. Our commitment is also shown by the ISO 9001 certification achieved by our entire NY facility. We have in place the means to continually improve our products, our service, and our support of customers.

Koike Aronson, Inc. is headquartered in Arcade, New York. Additional operations are located in Japan, South Korea, China, India, the Netherlands and Brazil.



<p>Smith Machinery Co Inc Foutch, Pj 1287 W AVENUE AMES, Iowa 500141428 Phone: 515-233-6330 pj@smithmachinery.com</p>	<p>Palmer Repair Inc. Palmer, Glen 794 HWY 9 Waukon, Iowa 52172 Phone: 563-568-3654</p>
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PROPOSAL DESCRIPTION

	DESCRIPTION	QTY	UNIT	USD TOTAL
	<p><u>ShopPro 5x10 Cutting Machine</u></p> <p>One Piece Unitized design 84L x 152W x 56H (dimension without CNC) 7 Gauge Solid Steel Construction Effective cutting width: 10ft Effective cutting length: 5ft Shipping Weight: 3500 lbs Dual Side Drive Helical Rack and Pinion Precision Helical 10:1 Gearboxes Machine repeatability: .005 Inch 1000 IPM Rapid traverse speed Adjustable leveling pads for easy adjustment Water table with manual fill. Water Capacity: 220 Gallons Machine E-Stop Located on Each Saddle Machine input power: 115/1/60 @ 15 Amps</p> <p>Maximum Plate Thickness: 2 inch</p> <p>Flashcut Drive Control Package 4 Axis, 8 amp micro-stepping drive NEMA-34 954 oz-in Stepper Motors 21.5 inch Monitor Windows 10 Pro Intel i5 Processor or Equivalent Minimum 8gb Ram Minimum 256gb Hard Drive Wireless Capability Keyboard Mouse Multiple USB Ports</p> <p>Flashcut CAD/CAM Standard Software Features: On-board Completely integrated Flash Cut 2D CAM CAD Package Includes:</p>	1 ea.	\$31,328.00	\$31,328.00

Plasma Support Interface
Oxy-Fuel Support Interface
Material Database (Cut Chart Support)
Customizable Cut Charts
Customizable Default Lead-in, Lead-out Strategies
Commonly Used Plate List
Jump to Line
Dry Run
Momentary Run
Run File Forward and Backwards
Kerf Crossing Detection
THC performance History Chart
Fix Drawing Tool
Measuring Tool
Free Form Stretching and Manipulation
Layer Support
Centerline Image Import
Silhouette Image Import
DXF/DWG Import
TrueShape Nesting
Automatic Kerf Compensation
Grid Nesting
Graphical editing of Lead in Lead out Location
Tabbing
Overburn Support
Assign Different Operations to Each Part
Cut Sequencing
Drag, Delete, Rotate, Copy Parts on the Nest
Operation Sequencing
Cutout or Part Mode
Custom views of Kerf Width, Cut Direction , Toolpath,
Rapids and Part Geometry
Customizable Post Processor

Pro Series Software Upgrade
Includes:
Standard Software Package
Marker and Plasma Marking
DXF Export
Advanced Text including True Type Font Support Without
Exploding and Curved Text Around Any Shape
Part Shading
3D Cutting Simulation
Automatic Lead-In on Restart
Dynamic THC On/Off
Progress Meter
Move to Point in View port
Rip Cutting
Smart Touch Off
Shape Library
Bridge Entities Tool
Fix Drawing Tool
Shape Welding Tool
Part Shading

Arc Fitting
 Multi Layer Color Image Import
 Import of parts from external files
 TrueShape Nesting
 Multi-Sheet and Fill Sheet TrueShape Nesting
 Corner Looping
 Advanced Leadin Leadout Editing
 Animated 3D Cutting Simulation
 Advanced Small Hole Processing
 Multi Tabs

1 additional seat Flashcut Software for remote PC/laptop
 (additional seats available for purchase)

Koike Z-Axis torch height control with torch breakaway
 CNC controlled THC electronics package
 4" Stroke @ 500 ipm

Laser Pointer
 Includes:
 Laser Pointer with Red Dot
 Mounting Bracket
 Interface Cable
 Plate Alignment Software

* Includes access to online videos for installation
 instructions and software training*



<u>POWERMAX 65 SYNC Plasma Cutting System by Hypertherm</u>	1 ea.	\$4,600.00	\$4,600.00
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Self-regulating primary input
 (200 - 480, single or three phase, 50 or 60 hertz)
 Gas Supply - clean dry, oil-free air or nitrogen @ 450 scfh,
 Minimum 85 psi flow rate
 Power supply, air filter and controls variable power output
 from 20 to 65 amps

Air plasma system includes:
 (1) Powermax 65 Sync power supply with CPC port and
 voltage divider 200-600V/1-3 Phase
 (1) Robotic Mini Torch with shielded leads
 (1) SmartSYNC Ohmic Ring
 (1) Work Lead with ring terminal
 (5) 65 Amp Smart Sync cartridges for mechanized cutting

Recommended Cut Capacity - Gauge material to 5/8 inch
 mild steel

50% duty cycle @ 65 amps, 230-600 V, 1/3 PH
 40% duty cycle @ 65 amps, 200-208 V, 1/3 PH
 100% duty cycle @ 46 amps, 230 - 600 V, 1/3 PH

Recommended Fuse @ 200V/208V/240V, 1 PH: 80 AMP

Slow Blow
 Recommended Fuse @ 480V, 1 PH: 40 AMP Slow Blow
 Recommended Fuse @ 200V/208V/240V, 3 PH: 50 AMP
 Slow Blow
 Recommended Fuse @ 400V, 3 PH: 30 AMP Slow Blow
 Recommended Fuse @ 480V/600v, 3 PH: 25 AMP Slow
 Blow

Water Table Additive (5 Gallon Bucket)

2 ea. \$149.00 \$298.00

A general purpose additive for water tables, and is specifically formulated to be safe for ferrous and non-ferrous metals. Standard water table additives will stain aluminum, and can attack and pit soft metal surfaces. Plasma Green 9010 is designed to be safe for aluminum, and mixed metals. This product will not only trap smoke and air-born particles from a cutting table, but is also designed to provide corrosion protection to the work piece and water table, and inhibit bioactivity in plasma torch, oxy-acetylene, M.A.P.P. gas metal cutting operations. A recommended solution of 3% will provide excellent tank life, and can be maintained until soil load or contaminants dictate a dump. This product has a green tint to aid in concentration control.

ShopPro
 4 x 4 = 1 Bucket (Use 2.5 Gallons)
 4 x 8 = 1 Bucket (Use 5 Gallons)
 5 x 10 = 2 Buckets (Use 7-1/2 Gallons)

ShopProXHD
 4 X 8 = 3 Buckets (use 12 gallons)
 5 x 10 = 4 Buckets (use 17-1/2 gallons)
 6 x 12 = 5 Buckets (use 25 gallons)

Koike Part Number 1118-1015-00



Cutting Installation

1 ea. \$6,000.00 \$6,000.00

Installation and training to be performed by Koike Aronson, Inc. Installation charges are included in this quotation and cover labor, travel and living expenses.




Commodity Surcharge

1 \$2,044.00 \$2,044.00

Commodity Surcharge

Optional Items

	DESCRIPTION	QTY	UNIT	USD TOTAL
	<p><u>Live Online Training with Koike</u></p> <p>Includes: A one time meeting lasting up to 4 hours. Consisting of live training via virtual web meeting. Koike can go over machine set up, software and plasma functions and answer any questions you may have.</p>	1	\$600.00	Optional Not Included in Total

Subtotal (less optional items):

\$44,270.00

Cutting Machine USD Total (less optional items):

\$44,270.00

SPECIAL ORDER REQUIREMENTS:

Due to the current price volatility of fuel, Koike Aronson is unable to quote freight rates at this time. When the machine is ready to ship, a freight rate can be provided and is valid for one week (5 business days).

CONDITIONAL TERMS:

1. **If Installation and Training is to be performed by Koike Aronson Inc these charges will be included in the body of the quotation.** Otherwise installation and training will be performed by a Koike Trained and Certified Independent installation team whose charges **will not** be included in the quotation.

2. Shipment of this unit is estimated at **8 week(s)** after receipt of the down payment check and acceptance of a written purchase order.

Note: Shipment lead-time is subject to change based on prior sales received before placement of this order.

3. **Payment Terms**

For all orders over \$30,000

- 30% with order placement 30% - \$13,281.00
- 60% 10 days before schedule ship date 60% - \$26,562.00
- Balance Due Net 30 days 10% - \$4,427.00

Note: Accounts must be established before an order can be processed.

4. The machine warranty is 2 year(s) parts and labor, unless otherwise specified in accordance with our Standard Warranty Policy.

5. **INCO TERMS 2010: FCA: Arcade, New York**

6. **Freight charges: Prepaid and Add to Final Invoice; unless otherwise noted in the quotation.**

7. This quotation is only **valid for 30 days**. An updated quotation will be issued upon request.

QUOTATION ACCEPTANCE FOR YOUR ORDER*

The parties have mutually developed this agreement to be executed by their duty as authorized representatives set forth below.

Distributors accepting this agreement on behalf of the customer will be responsible for validation of the specifications and contents of this quotation.

We agreed to and accepted this quotation on _____ day of _____, 20____.**

Cancellation Policy & Related Charges:

The Purchaser's acceptance of this proposal creates a contract with the Seller which thereafter can be terminated or cancelled only upon the Purchaser's written request and the Seller's written consent thereto, subject to such conditions as the Seller may reasonably require. Normally, and in the absence of special circumstances, the Seller's consent to such a cancellation will be contingent upon the Purchaser's agreement to pay a cancellation charge equal to the **cost of the percentage of completion of the order or 40% of the list price, (as determined by the Seller)** of the equipment included in the order, whichever is greater. **In addition** to the cost of any items that may have been purchased by the Seller to complete the order.

**** Please note that any modifications or changes to this quotation or the final order which require additional costs on Koike Aronson, Inc. part will require the buyer to sign-off on the charges and will be added to either a revised quotation or the final invoice.**

by: _____
Renee Bellomo

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

Sign Name: _____

Print Name: _____

Title: _____

SMITH MACHINERY CO INC
Foutch, PJ
1287 W AVENUE
AMES, Iowa 500141428

Purchase Order No: _____

***THIS DOCUMENT MUST ACCOMPANY YOUR PURCHASE ORDER, AND REQUIRED PAYMENT TERMS REFERENCING THE ABOVE QUOTATION NUMBER**

**Mail Advance Payments to: Attn: Receptionist/Administrative Assistant
Koike Aronson, Inc.
P.O. Box 307
635 West Main Street
Arcade, New York 14009-0307**

****DELIVERY DATE IS BASED UPON RECEIPT OF PURCHASE ORDER, PROPER PAPERWORK AND REQUIRED PAYMENT TERMS. TO EXPEDITE ORDER PROCESSING, EXPRESS DELIVER TO STREET ADDRESS ONLY.**



635 W. MAIN STREET
P.O. BOX 307, ARCADE, N.Y. 14009
TELEPHONE (585) 492-2400
FAX (585) 457-3517 ♦ FAX (585) 492-5209
WEBSITE: www.koike.com

Standard Warranty

Equipment sold by Koike Aronson is covered exclusively under the warranties set forth in the following paragraphs. Such warranties are extended only with respect to new equipment purchased directly from Koike Aronson, or new equipment purchased from an authorized dealer of Koike Aronson. In addition, such warranties are extended only to the first buyer of the equipment and shall apply only if the equipment is purchased for buyers' own use and not for the purpose of resale.

The equipment is warranted to the Buyer to be in good condition and free from functional defects in materials and workmanship for a period of TWENTY FOUR (24) MONTHS from date of shipment with the exception of ¹ ², provided that (i) the equipment is properly installed and operated under conditions of normal use and (ii) regular manufacturer recommended periodic maintenance and services are performed. Equipment not manufactured by Koike Aronson * will be warranted under the terms of the original manufacturer's warranties or as stated on the customer signed quotation. Notwithstanding the above, all parts and equipment, which are expendable, are only warranted to be free from functional defects in materials and workmanship at the time of shipment.

The warranty period for repair or replacement parts and/or service performed after the standard warranty expires is NINETY (90) DAYS. The warranty period for Cutting Machine retrofits is NINETY (90) DAYS or as stated on the customer signed quotation and covers only the components replaced or repaired. Equipment not manufactured by Koike Aronson will be warranted under the terms of the original manufacturer's warranties unless otherwise stated. The warranty period for Positioner rebuilds is TWELVE (12) MONTHS or as stated on the customer signed quotation and covers only the components replaced or repaired.

The foregoing warranties shall not apply if the equipment has been (a) serviced or repaired other than by Koike Aronson, a service facility designated by Koike Aronson, or in accordance with written instructions provided by Koike Aronson, (b) altered by anyone other than Koike Aronson, or (c) subject to abuse, misuse, negligence, or accident, including use of the equipment other than in the intended manner.

Koike Aronson's sole and exclusive obligation and Buyer's sole and exclusive remedy under the warranties is limited to the repair or replacement, free of charge, at the manufacturers sole option, of the defective equipment or part at no expense to the buyer except travel and accommodation expenses for the Koike Aronson service technician and, customs charges, or other associated fees, (except freight charges), involved with returning the defective parts or equipment to Koike Aronson. The shipping costs of the replacement part or the repaired equipment to the Buyer will be at the discretion of Koike Aronson. In order to initiate warranty service, the defective part or equipment must be reported to the authorized Koike Aronson dealer from whom purchased or to the nearest designated Koike Aronson sales/service facility. Where appropriate and where properly authorized by Koike Aronson, defective parts or equipment may be returned under our returned goods policy, not later than seven (7) days after the expiration date of the applicable warranty, during normal business hours to a designated Koike Aronson sales/service facility. Designated equipment not suitable for return can however be repaired under warranty on site.

To initiate warranty service work, a purchase order and the model number and serial number from the nameplate on the equipment is required.

KOIKE ARONSON SHALL NOT BE OTHERWISE LIABLE FOR ANY DAMAGES INCLUDING BUT NOT LIMITED TO (A) INCIDENTAL DAMAGES, CONSEQUENTIAL DAMAGES, INDIRECT DAMAGES AND SPECIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, ANY LOST PROFITS INCURRED BY BUYER) EVEN IF KOIKE ARONSON HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, OR (B) ANY DAMAGES ARISING OUT OF A CLAIM AGAINST BUYER BY ANY OTHER PARTY. THERE IS NO EXPRESS OR IMPLIED WARRANTIES THAT EXTEND BEYOND THE WARRANTIES SET FORTH IN THIS STANDARD WARRANTY. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, KOIKE ARONSON DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE EQUIPMENT OR PARTS THEREOF.

¹ Standard Warranty for Portables and Gas Apparatus is FOURTEEN (14) MONTHS.

² Standard Warranty for Cutting Machines sold in Mexico, Central and South America is TWELVE (12) MONTHS unless otherwise stated.

* Included but not limited to:

Machine Controls, Plasma Power Supplies, Laser Resonators, Chillers, Fume Collectors and Welding Equipment.

TERMS AND CONDITIONS OF SALE

Terms of Payment

Payment is due according to the terms listed on the invoice for all items shipped against an order unless otherwise noted in writing by Seller. Past due invoices will be subject to a late payment penalty not to exceed 1-1/2% per month (18% APR). All payments must be in US dollars.

All accounts in arrears 45 days after date of invoice will be deemed non-collectible. In such cases, Buyer shall pay to Seller, in addition to the amount owing, all costs and expenses (including, but not limited to any fees and disbursements of legal counsel) incurred by Seller in collecting any amount payable by Buyer to Seller under these terms and conditions. Such accounts will lose their "open account" status and all future orders will be shipped C.O.D. basis, or where deemed necessary a bank draft will be required.

Made to order product, orders exceeding \$30,000, or orders requiring in excess of 90 days lead-time will require a 30% down-payment with the order, 60% payment required prior to shipment, remaining balance to Seller within 30 days of invoice date. No such shipment will be made unless the 90% pre-payment has been received by Seller.

Export shipments shall require an irrevocable Letter of Credit ("L/C") fully negotiated and in form satisfactory to Seller before the start of Seller's manufacturing process. L/C's must be payable at sight. Delay in shipment (port acceptance) shall be the sole responsibility of Buyer. Seller reserves the right to withhold shipment on expired L/C's until properly renegotiated.

Other acceptable payment options for export shipments include, at the sole discretion of Seller, a Draft against Payment or a Draft against Acceptance.

Prices

Seller's published prices are subject to change without notice. Back-order shipments will be billed at prices in effect as of the date of original order. Price changes are effective on a specific date and orders received on or after that date will be priced at the revised price. Prices delivered by quotation are subject to the terms and conditions of the quotation and are effective for 60 days unless otherwise noted in the specific quotation.

Taxes

The purchase price to be paid for the goods does not include any applicable federal, state, county or local taxes. Any such taxes (except for any tax payable on Sellers income) shall be added to the purchase price and payable to Seller by Buyer on demand.

Order Acceptance

Orders are subject to acceptance by Seller. A minimum order of \$75.00 at distributor net is required to qualify for the appropriate discount. Any original order not meeting this minimum will be billed at \$75.00.

Seller's offer is expressly limited to the terms and conditions of sale contained herein. Exceptions to such terms and conditions of sale such as those stated on Buyer's purchase orders or any other writing of Seller or Buyer will not be accepted unless specifically agreed to by Seller.

All orders placed, including quotations or other contractual agreements, will require a purchase order from Buyer subject to the terms and conditions set forth herein. Delivery dates are subject to the conditions of the quotation and failure to meet such delivery dates does not constitute cause for cancellation by Buyer and/or damages of any character.

Any order cancelled by Buyer shall be subject to reasonable cancellation charges where appropriate. Such charges will be equal to the amount of unrecoverable labor, unsalvageable materials, and associated expenses incurred by Seller. Buyer's inability to accept machine shipment will necessitate additional charges to Buyer for storage and handling as may be necessary.

Installation, Operation, and Acceptance Tests

Process Equipment, manufactured by others and supplied to Seller, will be mounted according to manufacturer's instructions, or as modified and detailed by Buyer. Any desired changes, other than to meet the original agreed upon plan will be subject to additional charges. Seller shall not be responsible for operation characteristics nor performance of any Process Equipment, other than for any departure from the agreed upon installation plan, as expressly acknowledged in writing by Seller in response to Buyer's purchase order.

Under the terms of its separate published warranty, Seller warrants its equipment manufacture and performance. Invoices shall be rendered and deemed payable upon passing of title. Full set-up and test of the equipment at Seller's factory is not customary practice and is not included.

At Buyer's request, purchased equipment can be fully set-up in Seller's shop for demonstration and acceptance test, at additional charge. Such tests will consist of a demonstration of electrical and mechanical functions. In the event of such tests, acceptance of the equipment at this demonstration will constitute authorization for final billing to Buyer.

Other than the circumstances referred to above, installation and basic operations training will be performed by Seller at the request of Buyer at a location, and upon such other terms and conditions agreed to between Buyer and Seller at the time of the contractual agreement.

Freight Policy

All shipments are FCA point of original shipment unless otherwise expressly

stated. Delivery to a common carrier or licensed trucker by Seller constitutes delivery to Buyer with all risk of loss or damage being borne by Buyer. All costs and expenses incurred by Buyer or Seller in connection with packing, shipping, insuring and unpacking shall be borne by Buyer. All claims against a carrier are the responsibility of Buyer.

Notwithstanding the above, ground transportation charges within the contiguous United States will be prepaid and absorbed by Seller only under the following conditions:

Minimum required order **\$2,000** at distributor net for the following items any mix.

Portable and Gas Apparatus Equipment
Excludes Positioner Equipment (LD Line)

When partial shipments are made, the above conditions will apply to all shipments. Drop shipments are excluded from the above policy.

All other products of Seller are excluded from the aforementioned freight policy, unless otherwise noted. All other freight charges will be borne by Buyer.

Return of All Products

No item shall be returned to Seller for replacement, repair, or credit without an RGA number (returned goods authorization) being issued by Seller in writing unless otherwise noted. An RGA number must appear on the shipping label and packing list. All freight is to be prepaid. All products must be current and should be in the original packing with all auxiliary components. Internal packing must be used to protect the product. If the returned products are not in salable condition, a refurbishing charge shall be charged to Buyer. Normal restocking charge for current product is 20%. Other than for warranty, all returns must be made within 30 days of receipt of the product. Special order items are not returnable.

Factory Field Service - Non-Warranty

Seller reserves the right to apply service charges where a field visit by authorized factory personnel is required. A factory coordinator will schedule the call and supply the applicable service rate. A purchase order will be required to initiate the service call. For warranty service policies, please consult Seller's standard warranty conditions.

Indemnification

Buyer shall indemnify Seller, and hold Seller harmless from and against all awards, costs, expenses and damages incurred by or awarded against Seller in, during or as a result of any action, claim, proceeding or suit resulting from or relating to the goods to be delivered by Seller hereunder, including, but not limited to: any award, cost, expense or damage incurred in connection with the use of any design, trademark, trade name, or part thereof, appearing on the goods at Buyer's request.

Force Majeure

Seller shall have no responsibility for, and shall incur no liability to Buyer for, any failure or delay of performance by Seller with respect to any obligation arising hereunder if such failure or delay directly or indirectly results from war, riot, embargo, emergency, law, regulation, labor-management dispute, abnormal operating conditions, interruption of power, communication or transportation facilities, fire, explosion, natural disaster, or any other contingency whatsoever beyond Seller's reasonable control.

Failure, Delay or Waiver

No failure of Seller to exercise, and no delay by Seller in exercising, any right or remedy under these terms and conditions shall constitute a waiver of such right, such remedy or any other right or remedy under these terms and conditions. No waiver by Seller of any right or remedy under these terms and conditions shall be effective unless in a writing signed by Seller and any such waiver shall be limited to the specific instance and shall not constitute a waiver of such right or remedy in the future or of any other right or remedy under these terms and conditions.

Severability

Whenever possible, each provision of these terms and conditions shall be interpreted in such manner as to be effective and valid under any applicable law or regulation. If, however, any provision of these terms and conditions shall be prohibited by or invalid under any such law or regulation, such provision shall be ineffective to the extent of such prohibition or invalidity without invalidating the remainder thereof or any of the remaining provisions of these terms and conditions. This agreement shall be governed by and construed in accordance with the laws of the State of New York in the county of Wyoming, without regard to the conflicts of laws principles thereof.

General

These terms and conditions (a) may not be amended orally or by any course of conduct pursued by Seller or Buyer but may be amended only by a written agreement executed by both Seller and Buyer, (b) shall be binding upon and inure to the benefit of Seller and Buyer and each of their legal representatives, successors and assignees; provided, however, that no right under these terms and conditions may be assigned by either party, (c) shall be governed by, and interpreted and construed in accordance with, the laws of the State of New York, (d) Any claims or suits shall be brought in the Supreme Court of Wyoming County in the State of New York. The parties consent to the jurisdiction and waive the argument of inconvenient forum and (e) constitute the entire agreement between Seller and Buyer with respect to the matters dealt with herein, and supersede all oral and written proposals, representations, understandings and agreements previously made or existing with respect to such matters.



635 WEST MAIN STREET P.O. BOX 307, ARCADE, NY 14009
TELEPHONE: (585) 492-2400
WEBSITE: www.koike.com

ShopPro™



CNC PLASMA & OXY-FUEL
CUTTING MACHINE

 **KOIKE**
ARONSON RANSOME



Water Table
with curved slats.

The ShopPro offers fabricators unprecedented value for small shops

The Koike Aronson ShopPro is the company's newest value-priced, made in America high performance cutting system, offering fabricators premium features in a package compact enough to fit in small shops. Ruggedly built, the ShopPro has the same reliability and accuracy found with all Koike Aronson cutting systems.

The ShopPro was developed with the help of feedback of fabricators and metal workers, who demanded a robust feature set at a reasonable price.



Emergency Stop Button
E-stop button located on each saddle quickly and safely shuts off machine motion and cutting process, including oxy-fuel gases to the torches.



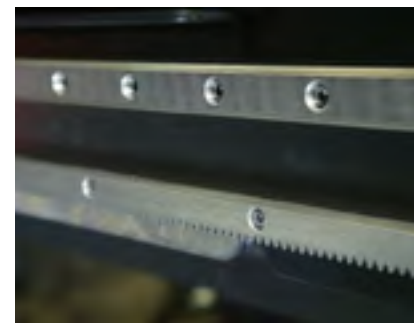
Dual Side Drive With Precision Ground Linear Bearings

Provides smooth and accurate motion



Precision Helical Gearboxes

With NEMA-34 Stepper motors.



Helical Gear Rack

with AGMA 12 grade ground pinions.

STANDARD EQUIPMENT

All-in-One Motion Controller with 21" Touch Screen



- PRO Version Software package
- On-board completely integrated FlashCut 2D CAM/CAD package
- True shape nesting
- Customizable cut charts
- Customizable default lead-in, lead-out strategies
- Silhouette image import
- DXF/DWG import
- Tabbings of part
- Overburn support
- Marker and Plasma Marking
- DXF Export
- Advanced text including true type font support without exploding and curved text around any shape
- Part shading
- 3D cutting simulation
- Automatic Lead-in on Restart
- Dynamic THC On/Off
- Progress meter
- Move to point in viewport
- Rip cutting
- Smart Touch Off
- Shape library
- Bridge entities tool
- Shape welding tool
- Multi layer color image import
- Import of parts from external files
- Multi-sheet and fill sheet trueshape nesting
- Corner looping
- Advanced lead-in, lead-out editing
- Animated 3D Cutting Simulation
- Advanced small hole processing



OPTIONAL PIPE ROTATOR



ShopPipe™
PATENT PENDING

ShopPipe™ option for the ShopPro™

Get more use out of your ShopPro™ by adding the ShopPipe™ option.

Incorporates easy to use software, easy setup and low maintenance mechanicals that are built to withstand the harsh work environment. A fold-down head design saves space and makes it easy for existing customers to upgrade. The direct drive system with chuck precisely rotates the pipe, unlike competitors that use friction drive system with rollers or belts. The work cell is kept cleaner with built-in cutting slag pans and using a through-hole chuck design to safely and effectively remove smoke.

SHOPPIPE™ SPECIFICATIONS

- Maximum pipe diameter: 6 inches with ½ inch wall
- Maximum pipe length: 8 foot
- Number of supports in base model: 3
- Maximum weight capacity: 150lbs per support (max total weight 600lbs)
- Drive means: Direct drive with chuck
- Fume collector connection point: Yes
- Spark and slag pan: Yes
- Spark arrestor: Yes

OPTIONAL PIPE ROTATOR



Direct drive with chuck design



Cut up to 8' long pipe and up to 6" diameter



Space saving fold down tool head
(Patent Pending)



Easy to setup and adjust pipe for cutting



Through-hole chuck design with built-in spark arrestor.



Removable slag pans for easy clean up

EQUIPMENT OPTIONS



Pneumatic Scribe Assembly

Manually swappable with plasma torch
Manual On/Off
Marking software included with option
Initial height sensing



Oxy-fuel Torch

Koike cutting tips are one of the most technically advanced of its kind. By providing safety and accuracy they save money in time and gas cost.

Lifetime warranty when using genuine KOIKE cutting tips.

2 inch maximum material thickness

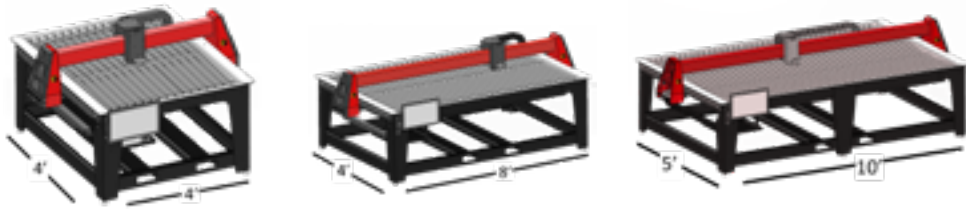


Downdraft Plenum Table

Mounted to the backside of the cutting table. It includes one or two, 12 inch diameter cut outs for the customer supplied fume collector.

Not available with the oxy-fuel option

TABLE FEATURES & OPTIONS



Three Table Sizes

To meet your production or space requirements



Conventional Plasma Systems offered for the ShopPro™:

Hypertherm® powermax45XP
Hypertherm® powermax65
Hypertherm® powermax85
Hypertherm® powermax105
Hypertherm® powermax125



Roll-A-Round CNC Cabinet

Protects your controller from surrounding environment and moves easily on 4 industrial casters (2 with brakes)

Fast Setup & Flexible Shop Configuration

No Crate



Solid Base



Forklift Pockets



SHOPPRO WORKSHEET

Effective Cutting Width:

Effective Cutting Length:

Material Types:

Material Thickness Range

Plasma Thickness:

Plasma System

Hypertherm® Powermax45XP

Hypertherm® Powermax65

Hypertherm® Powermax85

Hypertherm® Powermax105

Hypertherm® Powermax125

Plasma Voltage:

CNC Controller/Height Control Package

FlashCut Control with 21" Panel PC and KOIKE Torch Height Control

Cutting Table

Water

Downdraft Plenum (plasma cutting only)

Other Options

RS-485 (serial communication)

Oxy-Fuel Fuel Gas?:

Pipe Rotator

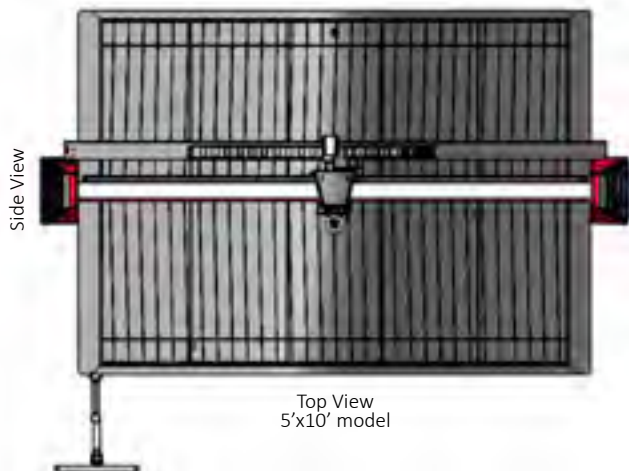
Pneumatic Scribe

Roll-A-Round CNC Cabinet

SPECIFICATIONS



Front View
4'x4' model



Top View
5'x10' model

SHOPPRO	SP-44	SP-48	SP-510
Effective Cutting Area	4 ft x 4 ft	4 ft x 8 ft	5 ft x 10 ft
Effective Cutting Width	48 in	96 in	120 in
Effective Cutting Length	48 in	48 in	60 in
Rapid Traverse Speed	1000 IPM	1000 IPM	1000 IPM
Machine Width	78 in	126 in	150 in
Machine Length (CNC not included)	72 in	72 in	84 in
Table Dimensions	78 in x 72 in x 56 in	126 in x 72 in x 56 in	150 in x 72 in x 56 in
Machine Weight	1300 lb	2200 lb	3500 lb
Tool Capacity	2	2	2
Water Capacity	65 gallons	148 gallons	220 gallons
Table Capacity	2 inch Mild Steel		
Machine Voltage	115/1/60 @ 15 AMP		
CNC Controller	FlashCut CNC 21" Panel PC		
Drive System	Stepper		
Table Type	Water Pan Insert		
Rack and Pinion Drive System			
Stepper Motors	(3) 954 oz-in NEMA-34		
Gear Reduction	(3) Precision Helical 10:1 gearboxes		
Linear Guidance	25mm Profile Linear Rail, 30mm Gantry		
Gear Engagement	Direct Drive Helical Rack and Pinion		
Gantry Carriage	Solid Steel Construction		
Traverse Speed	1000 IPM		
Machine Repeatability	0.0015 in		
Frame Construction	7 Gauge Mild Steel		

Specifications are subject to change without notice



POSITIONING MACHINE LINE

Turning Rolls



Applications



Tilt/Turn Welding Positioners



Headstocks/Tailstocks



Manipulator, Universal Balance, Retrofit/Rebuilds



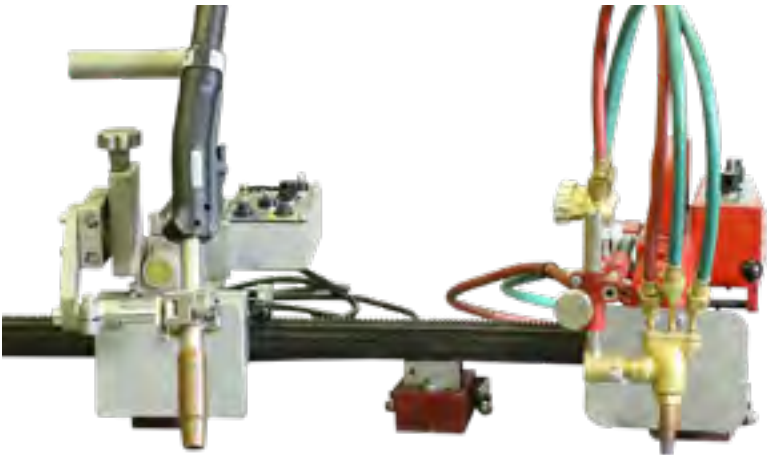


PORTABLE MACHINE LINE

Portable Cutting Machines



Portable Welding Machines



Gas Apparatus





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SHOPPRO 01/20 KENG