

AMADA BANDSAW NEWS

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New Product Literature Available



Amada has just released new literature and a new CD containing updated information on the HFA700CII, HFA700

and CTB400. The HFA700CII is the newest member of the Amada bandsaw family. Ideal for cutting a wide variety of materials, the HFA700CII, with a 15-HP motor, features a 2 5/8"-wide carbide blade that can achieve cutting rates far superior to conventional bandsaws, and an automatic self-adjusting wire-brush system.

The HFA700 also combines accuracy and reliability. One of its key productivity features is a drive-wheel transmission. The drive motor's variable speed-driven pulley is directly coupled to the planetary gear reducer and the drive wheel is mounted on the rotating output case of the gear reducer. The pulleys and belt are completely sealed from both fluids and dust for long life with low maintenance.

The CTB-400 bandsaw was developed for economical cutting in high-production environments. Specifically designed to be used with Amada's multifaceted carbide-tipped blades, the CTB-400 can achieve cutting rates up to 100 square inches per minute with surface finishes in the range of 62 RMS.

To obtain the literature and/or the CD, please call (800) 877-4729. O

A New Name for Our Newsletter



Mac Tadokoro

By Mac Tadokoro, President
Amada Cutting Technologies, Inc.

Notice the new name for our newsletter? What was formerly *ACT News* is now *Amada Bandsaw News*. We made the change to reflect our core product line. Each issue will still provide our valued customers with selected application stories on how our bandsaws are used by small job shops to large, multi-billion-dollar steel service centers, new appointments at ACT, product announcements, and columns such as *Tech Tips*, *Service Corner* and *The Cutting Edge*.

Readers will want to learn more about our new CM150AN, Amada's carbide circular sawing system. One of the innovative features of this new product is an inclined magazine-loading table that allows for automatic continual bar loading.

I also want to welcome to the ACT family new PMP service technicians Claude Harris, Pat Conlin, Nick Brumaghim, Jose Cuen and David Perrine. Our new sales representatives include Dan Hernandez, Bob Shaw and Ross Ploekelmann. Ernie Thacker is our new Midwest regional sales manager and Martin Mendoza has joined the Service Department where he'll be assisting ACT's national service managers.

As always, we welcome your comments and recommendations for future issues. Please call me at (800) 877-4729 or send email to info@amadabandsaw.com. O

ACT Introduces Certification Program

Earlier this year, ACT initiated a certification program, which provides several levels of Amada service certifications.

Participants have to complete a rigorous course that includes working on various bandsaw models and undertaking written examinations. ACT is to certify each service representative in a number of categories such as Electrical, Electronics, Hydraulic, Mechanical, Operation, and Cutting Applications. The course work comprises highly technical machine diagnostics; participants, for instance, learn to read electrical and hydraulic schematics, analyze flow patterns and more.

In April, Amada conducted the first certification phase. Service representatives were certified in Electrical and Hydraulics nationwide. Furthermore, this certification process is a continuation of Amada's effort to assist our vast network of customers by providing services and the knowledge required for a satisfactory and timely solution.

The certification process is ongoing and always evolving as our bandsaw and blade products are also constantly being changed and improved. But the bottom line is that by certifying our service representatives, customers know that they will be receiving top quality service that, in turn, will keep their machines running smoothly and trouble-free. O

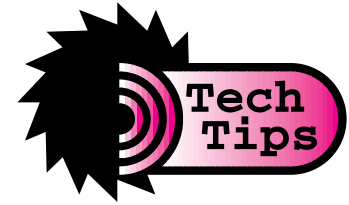
Amada Rolls Out SA-90

Amada has introduced the SA-90, a high-speed rotary pipe cutter. The SA-90 is ideal for cutting tubes and pipes (maximum OD of 3.550"; maximum wall of 1.180"). The pipe cutter is suitable for all types of material, including steel, stainless steel, titanium, aluminum, copper and PVC.

"The time required for any secondary operation is greatly reduced and in most cases eliminated," said Mac Tadokoro, president of ACT. "There is minimal heat generation and the SA-90 also features special holding collets that virtually eliminate distortion, even on thin-walled tubing."

The SA-90 provides users with a fully automatic operation, including loading, auto trim cut, production cutting and unloading.

For more information on the SA-90, please call (800) 877-4729.



Situation: For HFA-type machines: You have an HFA bandsaw model. When using the Automatic mode after entering any particular length of material, you start the blade and the rear vise moves backward to clamp material to feed it forward. Once the vise gets to the front, the machine shuts down and displays error code E-114.

Suggestion: When error E-114 is displayed, consult the operator's manual trouble-shooting chapter and look for the 'Error Code List.' The description reads, "in Automatic mode, forward movement of rear vise has been less than its backward movement."

In brief, this means that when the vise moves back to feed a particular length, e.g., three inches, the unit is going to move back three inches plus the blade kerf amount (depending on the blade thickness). In this case, the blade used as an example is 0.050", so the final travel distance is 3.050".

To check further, follow these simple steps:

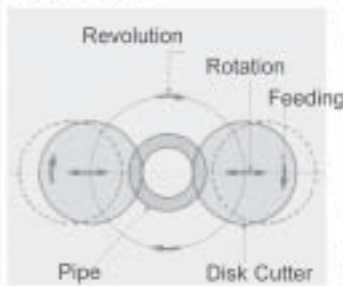
1. Start the hydraulic system.
2. Raise the saw head
3. Move the rear vise to the front position
4. Depress the key labeled L/P. The Length LED readout will show 000.00.
5. Depress the button to move the rear vise backward to or about the middle. At the same time the readout will display the length. If after moving the vise backward the readout continues to show 000.00, replace the encoder. DO NOT continue with the rest of the steps.
6. Depress the button to move the vise forward. Once the vise has stopped in the front position, the readout should show 000.00. If not, inspect the encoder, encoder rack and all the surrounding areas. Also inspect for obstacles obstructing the vise such as extra pieces of materials or metal chips. If this doesn't work, then the encoder needs to be replaced. O

CUTTER HEAD WITH DISK-TYPE CUTTERS

The cutter head revolves around the circumference of the pipe or tube while the cutters close toward the center. The cutters only travel a distance equal to the wall thickness.

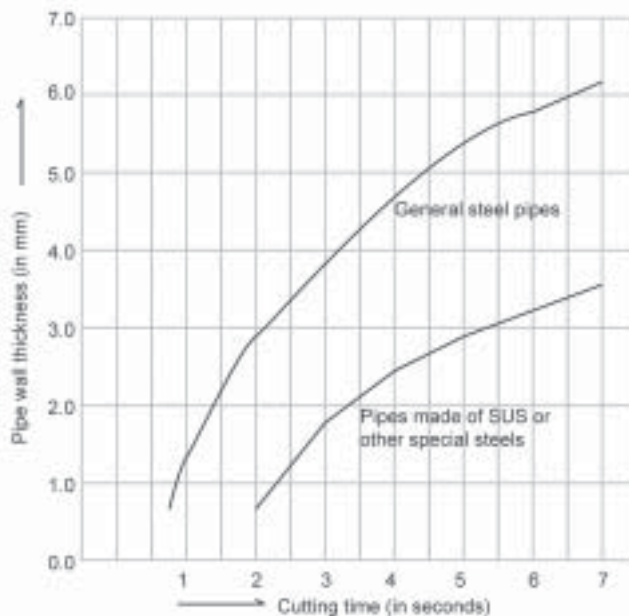


Disk Cutter



Three blades

Table for Standard Cutting Time



Ernie Thacker Appointed Midwest Regional Sales Manager



Ernie Thacker has been named Midwest regional sales manager at ACT. Ernie will be responsible for sales in Illinois, Indiana, Michigan and Wisconsin. Previously, he spent 10

years as a regional manager in the Laser Division of Mitsubishi, based in Ohio.

Ernie is no stranger to Amada, having worked at U.S. Amada (now Amada America) from 1976-89. He was a bandsaw sales engineer, and then moved over to metal fabrication, selling turret punches and press brakes. He also served as Southern California regional manager, and then transferred to Chicago to become Midwest regional manager-CNC Division.

Ernie has a BA degree in economics from Rochester University. He is married and has one son. He enjoys motorcycle riding and working on old cars. O

Martin Mendoza Named Customer Tech Support Representative

Martin Mendoza has been named customer tech support representative at ACT. Martin has been with ACT since 1998, handling customer services duties in the Parts Department. In his new position, Martin will assist and support ACT's national service managers, PMP technicians, service technicians and sales representatives, and help customers with technical and service support. This includes resolving mechanical, electrical, hydraulic and blade usage issues. O

Web Site Updated



ACT's web site, www.AmadaBandsaw.com, was recently updated with valuable information. You will now find information and specifications on all our latest products. ACT is currently offering some summer specials on specific machines that may be of interest to your company. You can review these specials from a link on our homepage.

The www.AmadaBandsaw.com website contains all contact information for our Blades, Machines, Parts, and Service Departments. You can also view online in a PDF format a copy of all *Amada Bandsaw News* newsletters online. For more information on ACT's web site, please call (800) 877-4729. O

New Sales Reps, Service Techs on Board!

ACT welcomes Nick Brumaghim, Pat Conlin, Jose Cuen, Claude Harris and David Perrine as the company's new PMP service technicians.

Nick is based in Portland and services customers throughout Oregon and Washington. He previously served as a service manager for the Tool Peddler, a Portland-based steel service center. Jose's territory includes all of Southern California. He has more than 20 years of experience servicing Amada bandsaws. Before coming to ACT, Jose spent 23 years with Thyssen Specialty Steels, most recently as warehouse manager.

Claude is based in Springfield, MO, and takes care of customers throughout the state, in addition to Kansas, Nebraska, northern Arkansas and northern Oklahoma. He recently got an emergency service call from Nissan Motor Company in Canton, MS. The car assembly plant uses an Amada HFA400W bandsaw. The coolant pump wasn't functioning properly and Nissan needed it operational immediately in order to avoid any service interruption. Claude raced to Canton, repaired the bandsaw and helped Nissan keep the plant running 24/7.

ACT also extends a warm welcome to the company's new independent sales representatives. Dan Hernandez is developing new business for ACT in California and Nevada. Prior to joining ACT, he served as western regional manager for Arc Abrasives, a Troy, OH, manufacturer of coated abrasive products. He was responsible for sales in 14 western states. Hernandez was also western regional manager for Cleveland-based Talbot Holdings, which produced round tools for milling centers.

Bob Shaw will help generate sales for ACT in Mississippi and Alabama. He's based in Birmingham and brings to ACT more than 20 years experience in working with various cutting tool distributorships. O

Amada Introduces CM150AN

High productivity, accuracy and excellent surface finishes are only three achievements that will be constant when using the Amada CM150AN sawing system. The operator-friendly CNC unit specifically designed for metal sawing eliminates trial-and-error feed-and-speed settings in most sawing applications.

Amada's narrow kerf blades, accurate indexing and very short remnant will always assure the maximum number of usable parts per bar and minimal material scrap.

A specially designed mist system and the precision-ground carbide blades provide end finishes that in many applications may eliminate the need for a secondary facing operation.

Proper selection of Amada's carbide blades and the proven speeds and feeds of the CNC unit will provide years of economical metal sawing.

Key productivity features include:

- Inclined magazine table for automatic material loading.
- Servo motor for precise material indexing.
- Vibration-free saw spindle mechanism.
- Mist-type coolant system.
- Wear-resistant vise system.
- Automatic trim cut sorting.
- Anti-backlash brake system for longer blade life.
- Burr-free mechanism. O

These are actual cut times achieved by end users. Blade life will vary by increasing or decreasing cutting rates. For actual cutting times on your material please telephone Amada Cutting Technologies at 1-800-877-4729 to arrange for your personalized test cutting.

1045 - 3" diameter x 5.750" length Total Cycle Time: 15 seconds
304 SS - 3 1/8" diameter x 9" length Total Cycle Time: 25 seconds
4140 - 2" diameter x 7.750" (+.004" / -.002") length Total Cycle Time: 11 seconds

specifications

MODEL	CM150AN
Cutting Capacity	Round 2.8" - 6" Rectangle 2.8" - 4.3"
Cutting Length	0.2" - 999.999" .001" increments
Single Index Length	23.62"
Loading Size	39" x 20"
Blade Size (ODxDxT)	18.110" x 1.368" x 0.106"
Blade Speed	50 - 150 (200) rpm Inverter Controlled
Blade Motor	11kW x 4P (15HP)
Work Feed System	AC Servomotor and Ball Screw
Saw Feed System	Hydraulic
Machine Dimensions (LxWxH)	98.8" x 77.8" x 66.9"
Machine Weight	5,733 lbs.

Service Corner

Several customers recently called with the same question — my machine seems to need more servicing in the summer time.

The answer is simple — many machines are not serviced and cleaned frequently enough. An accumulation of dirt, metal chips and oil traps heat, which, of course, is magnified during the hot summer months. This can negatively impact your machine's production runs. Parts most prone to fail are solenoid valves, limit switches, hydraulic hoses and pumps.

It's important to regularly change oils and lubricate your machines. Contact your local PMP service technician who can set up a maintenance schedule that will keep your machines running smoothly and seamlessly. For more information, call (800) 877-4729. O

ACT Unveiling New PMP Programs

ACT is expanding its successful PMP program! We'll soon be rolling out two new programs that provide more choices for customers. The first program enables the customer to select up to three optional service tasks in addition to the regular 20-point inspection program.

The second plan provides customers the option of choosing exactly how much time a service representative should spend on each machine. In most cases both programs are suitable for companies that need to fulfill ISO requirements.

Interested in learning how these new programs will help improve productivity at your company? Call (800) 877-4729 for more details. O



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