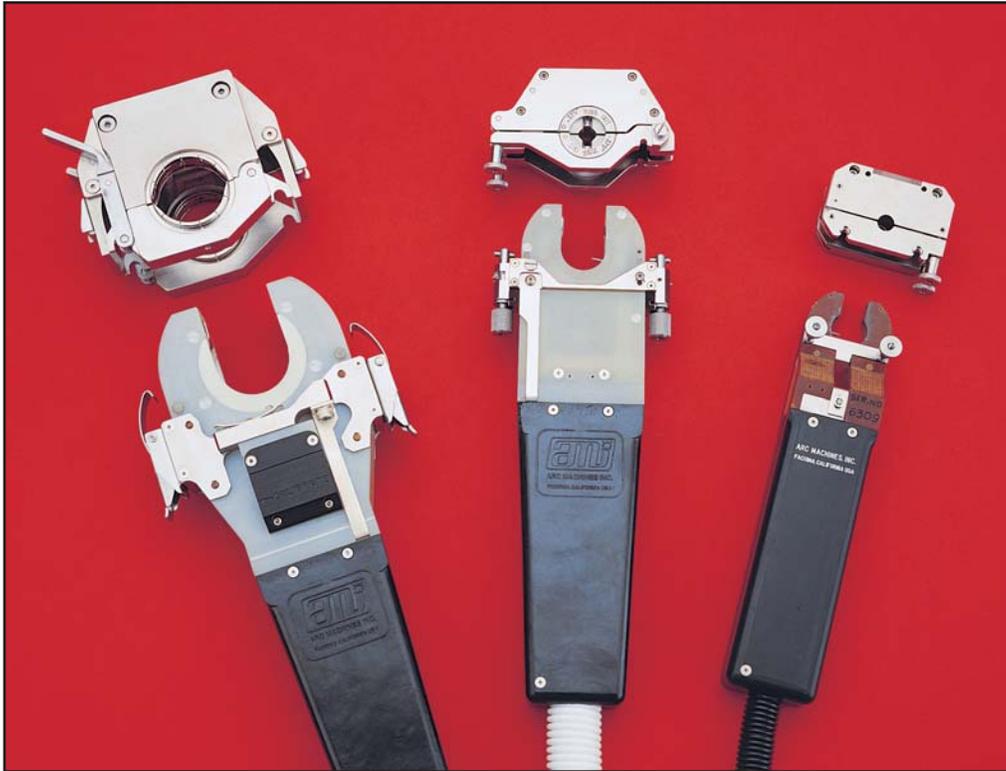


MODEL 9CT SERIES (CASSETTE-TYPE) WELD HEADS



From left: Model 9CT-1500, 9CT-750 and 9-500 with cassette-type tooling

- Minimizes set-up time.
- Increases production rates.
- Provides 360 degree visual inspection of fit-up.
- Available as new weld heads, or adaptable to existing in-field equipment.
- Compatible with all Arc Machines' power supplies.
- Kits available for converting standard heads to CT type or CT type to standard.

MODEL 9CT SERIES (CASSETTE-TYPE) WELD HEADS

The Model 9CT series weld heads are designed for fusion (TIG) welding of tube or thin-wall pipe through the range of 0.093" (2.3mm) to 1.50" (38.1mm) O.D. These weld heads feature a removable cassette module which acts as a fixturing device to align and hold the tubing or fittings prior to welding. Each cassette can accommodate a wide range of tube or pipe sizes by installing various size clamp inserts. These clamps are available in all standard inch and metric tube and pipe sizes, as well as sizes for custom applications.

Each cassette is fitted with a tube alignment gauge. This (dead-stop) gauge serves to automatically position the weld joint to the electrode. Once the cassette is loaded, fit-up is easily checked, as the cassette provides 360 degrees of visibility of the weld joint. Mount the cassette onto the weld head, or plug the head into the cassette, and it's ready to weld. Cassettes may be used in-place or mounted onto a bench for high-production applications. By using multiple cassettes, production rates can be significantly increased.

All Model 9CT series heads have water cooling capability built-in. When coupled with an AMI cooling unit, this system cools both the internal weld head components as well as the cables, allowing the welding of wall thicknesses up to 0.160" (4mm) or high-duty cycle applications.



Model 9CT-1500, 9CT-750 and 9-500 with tube-tube cassette module.



Model 9-500 with tube-tube and tube-mini fitting cassette module.

Conversion Kits for All Model 9 Weld Heads

To further enhance their flexibility, most Model 9CT series weld heads can be adapted to alternate configurations with an available conversion kit. For example, the Model 9CT-1500 may be converted to a Model 9-1500, 9E-1500, 9AF-1500, or 9AFM-1500 or vice-versa. The conversion takes only 5-10 minutes using a screw driver and hex wrench.

	Model 9AF	Model 9E	Model 9CT	Model 9AFM
Model 9-500/9-500C Model 4-500			X	
Model 9-750		X	X	X
Model 9-1500	X	X	X	X
Model 9-2500	X	X		
Model 9-3500	X	X		
Model 9-4500	X	X		
Model 9-7500	X	X		

Literature for Models 9 and 9E is available.

The Model 9 Series Tube Weld Heads dimensions are available upon request or online at:

www.arcmachines.com

ARC MACHINES, INC.