

# VW/M

VERSAWELD CNC JIG WELDERS



Typical Versaweld Products



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**CLIFFORD**  
Welding Relationships Through Technology

# CLIFFORD VERSAWELD - VW/MI



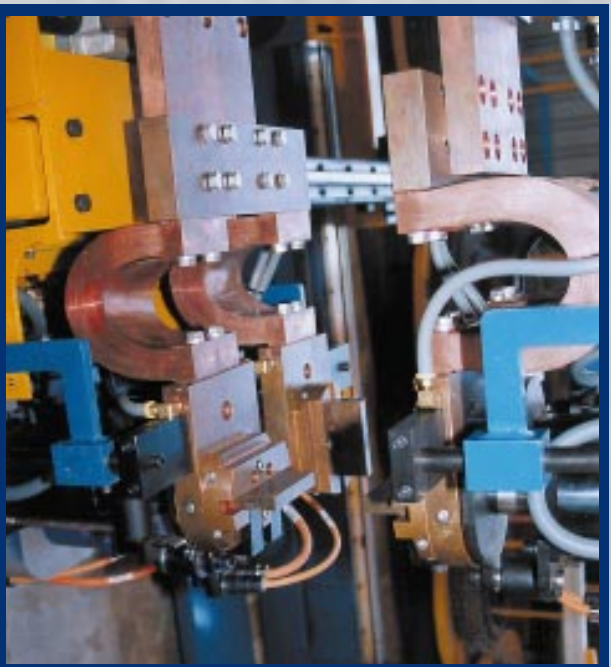
VW-1212 - Versaweld



Bar or Spot Welding Electrodes



Teach Pendant



360° Rotating and/or Raise and Lower Heads



Windows Based Industrial PC

MODEL	VW/VWM1212	VW/VWM2012
Part dimensions: Width (max) Depth (max)	1200mm(48") 1200mm (48")	2000mm(79") 1200mm (48")
Welding Capacity (Max)	12mm x 12mm – 1 Intersection	Manual 2 station rotating table (Motorised optional)
Jig Loading	125 Kva	150Kva
Welding transformer	AC parallel welding DC /MFDC optional)	
Welding system	1 or 2 pairs	
No of welding heads	1 cycle/sec *	
Operating speed (max)	AC servo motors and drives with rack and pinion drives	
Indexing system	Industrial PC - Windows NT	
Computer System	<ul style="list-style-type: none"> <li>Pentium 200Mhz MMX</li> <li>6 GB Hard drive</li> <li>10/100Mb TCP/IP network connection</li> <li>TFT LCD touch screen</li> </ul>	
Typical time required to program part	15 min with teach facility.	
Computer Features	<ul style="list-style-type: none"> <li>&gt; 5000 programs</li> <li>Production Log</li> <li>Fault Log</li> <li>Modern Support</li> <li>Data Input through Excel spread sheet</li> <li>Clear text error messages</li> </ul>	

## OPTIONAL ADDITIONAL AXES – VWM MODELS ONLY

Height Adjustable Welding Heads	
Max. height adjustment	120mm (47")
Raise/lower drive	Servos – one upper & one lower, separately programmable.
Height adjustment	Infinitely programmable with teach facility
Rotating Welding Heads:	
Max. rotation angle	360 degrees
Rotation drive	Servos – one upper & one lower electronically coupled.
Electrode type	Bar or spot electrodes
Electrical contact	Rotating pressure coupling
Angular adjustment	Infinitely programmable with teach facility

VW - 2 Axis Models  
VWM - Multi - Axis Models