

# Automatic Fillet Welding Carriage

**Time automatic fillet welding carriage** is an ultra- compact traveling welding carriage that provides the best power and functionality available in its class. Which is light weight and easy to handle, low center of gravity and high stability, durable and easy to maintain.

## Main Functions

- Compact and light weight.
- Perfect for working in tight places.
- Travel direction switchable between left and right.
- Ample pulling power.
- High speed travel capability.
- Wide range of torch positioning.
- Stepless speed adjustment and high precision.



AWT-1-1



AWT-1CA

## Technical Specifications

Model	AWT-1-1	AWT-1CA
Welding position	Horizontal fillet welding	
Input voltage	200V AC	200V AC
Input power ( W )	<80	<80
Rated current ( A )	<0.5	<0.5
Driving system	Four-wheel Drive + Electromagnet	
Traveling speed ( m/min )	0.1-1.4	0.1-1.4
Speed adjusting accuracy $\Delta V$	$\Delta V \leq 1\%$ , while voltage fluctuate $\leq \pm 10\%$	
Welding torch adjusting angle	45°	45°
Welding torch adjusting range ( mm )	Up/Down: 45 Horizon: 45	Up/Down: 45 Horizon: 45
Welding torch oscillating frequency ( times/min )	-	5-96 or 10-144
Welding torch oscillating scope ( mm )	-	1-10 or 3-15
Slope traveling angle	Upward: 25°, Side: 20°	
Probe system	Travel along a vertical plate, a smooth curve of R > 2m	
Dimensions ( mm )	230 x 315 x 300	310 x 315 x 300
Net weight ( Kg )	11	14