

Portable Welding Carriages and Positioners

■ Main Specification

Model Name	Wel-handy Multi- II (Standard)	Wel-handy Multi- II (Tack)	Wel-handy Multi- II (Weaving)
Stock Number	Pending	Pending	Pending
Machine Weight	Standard Magnet Model: 6.9 kg Strong Magnet Model: 7.5 kg	Standard Magnet Model: 6.9 kg Strong Magnet Model: 7.5 kg	Strong Magnet Model: 9.8 kg
Machine Dimension	See Figure 1.		See Figure 2.
Traction Force	16 kg		12 kg
Gap (F. L. ~ Base Board)	6 mm		
Magnet Up and Down Mechanism	Magnet Lever		
Driving Method	4-Wheel Driving Rubber Roller (Chain Transmission)		
Magnet-type	Permanent Magnet		
Traverse Speed	50 ~ 1,500 mm/min		
Tracing Method	Guide Roller (being pushed against Vertical plates)		
Applied Posture	Standard Magnet Model: Horizontal position Fillet Welding Strong Magnet Model: Vertical position Fillet Welding		
Torch Adjust Range	Torch Angle	40° ~ 55°	
	Up and Down	45 mm	
	Forward and Backward	45 mm	
	Forward / Backward Angle	5° Angle at both Forward / Backward	
Automatic Stop Function	Limit Switch (equipped at both sides of Carriage at FL +20 mm height)		
Fine Adjustment of Carriage Position	Included		
Non-Welded Portion	Approximately 270 mm (in total at both Start and End point)		Approximately 305 mm (in total at both Start and End point)
Power Cable	Y-Branch Cable (Power and Signal cable Integrated) <ul style="list-style-type: none"> ● Carriage ~ Branch: 6 m, ● Branch ~ Power: 10 m, ● Branch ~ Wire Feeder: 0.5 m (with matching Panasonic-type Connector) ※ Please consult when using welding machine other than Panasonic.		
Welding Torch	Straight WHM (C) - 350S & 500S		
	Curved 350A & 500A		
Torch Hold Diameter	Straight Torch Holder: φ20 mm		
	Curved Torch Holder: φ16~20 mm Diameter		
Motor	DC Motor with Encoder		
Input Power	AC 100 ~ 240V, 50/60Hz		

External Dimension

Figure 1. Wel-handy Multi- II / Wel-handy Multi- II Tack

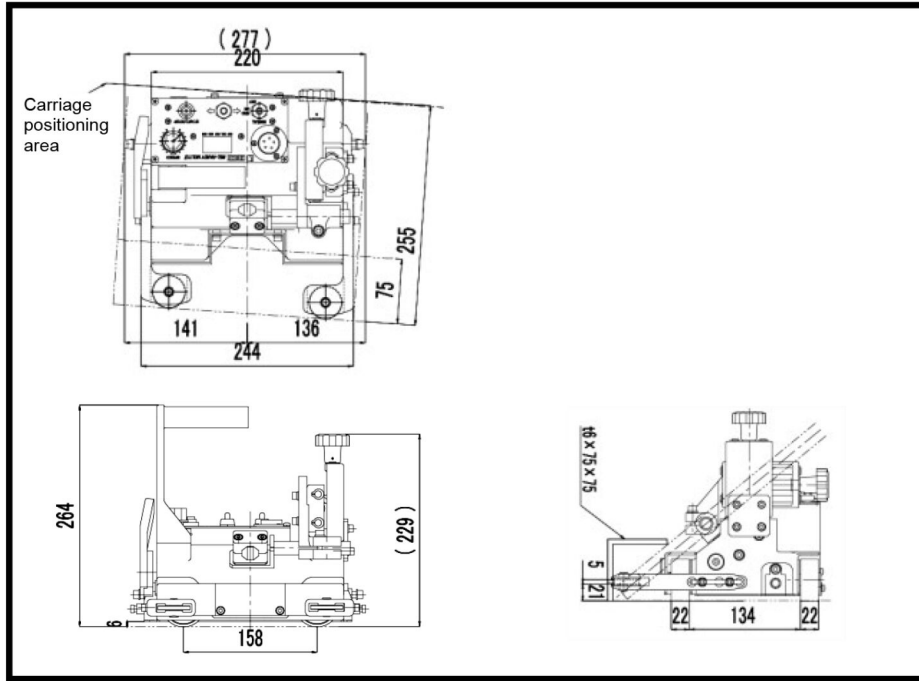
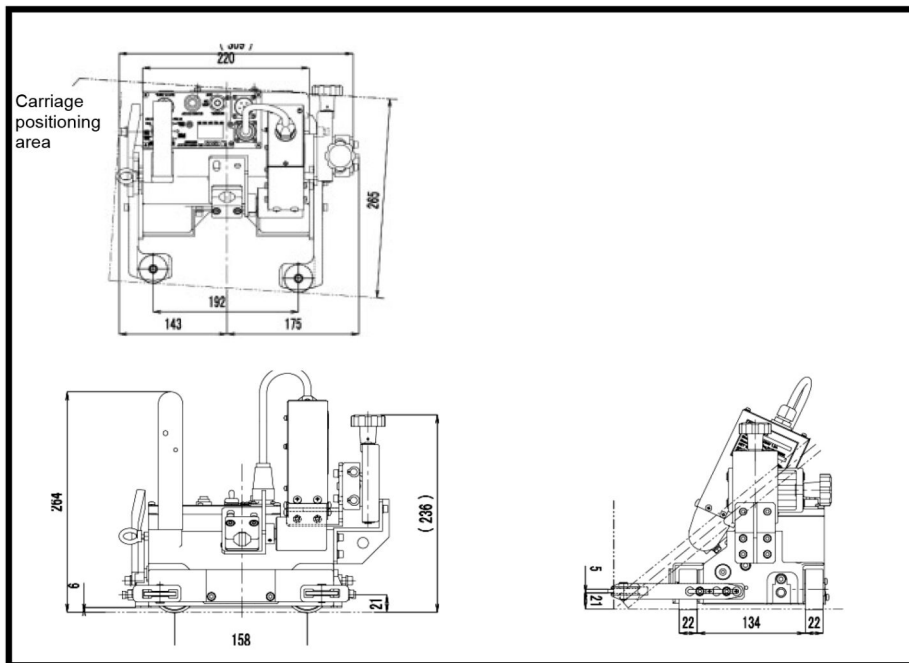


Figure 2. Wel-handy Multi- II Weaving



Other Options

Twin Torch Kit



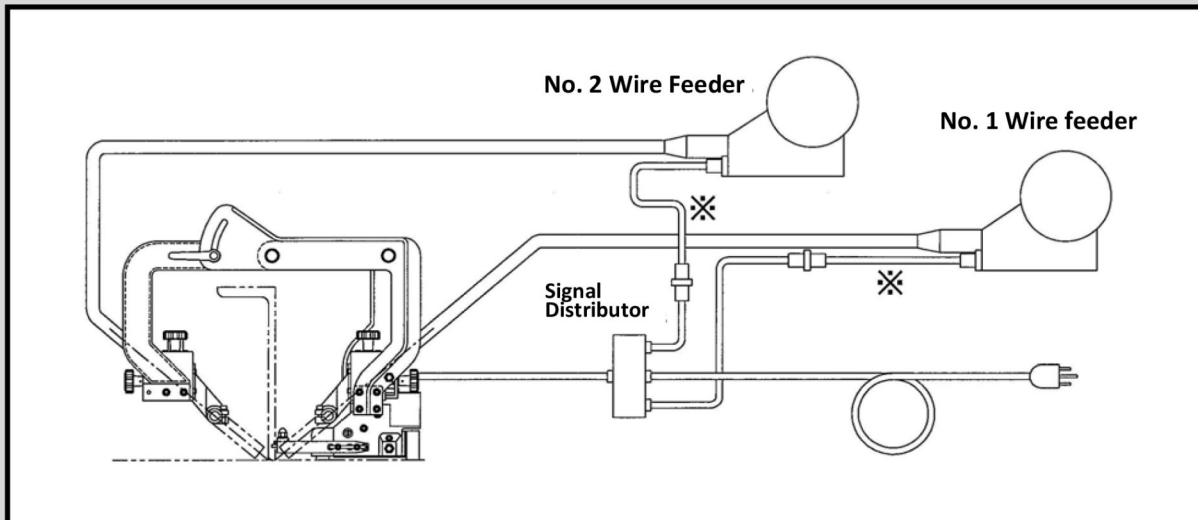
- **Clearance of Max. 500 mm height Vertical Plate**

By placing 2 torches face to face, fillet welding at both sides of vertical plate becomes possible with 1 set of carriage.

- * Clearance of Vertical Plate Height: up to 500 mm.
- * Arm is made of aluminum for light weight with rigid structure.
- * Zigzag tack (stitch) weld is also capable by combination use with Wel-handy Multi- II Tack.



- ※ Twin Torch Kit is available only for strong magnet type of Wel-handy-Multi, Wel-handy-Multi II, Wel-handy-Multi II Tack. (Standard magnet type is not available due to the risk of fall down.)



Special twin torch box enables interlocking with two welding machines.