

# Motorized Work Tables

Often times the workpiece is too large to be welded in an enclosed chamber. We offer two workbench solutions: The AL-T Basic and the AL-T 500.

Both systems incorporate joystick X, Y, and Z motion to precisely position the workpieces. Optional rotary axis for round weldings is available. The **AL-T 500** can carry out fully automatic welding by means of WINLaserNC software on work pieces up to 900 lbs. The **AL-T Basic** is capable of working on pieces up to 200 lbs.

## AL-T Basic

Technical data	AL-T Basic
<b>Mechanical dimensions</b>	
WxDxH in mm	950 x 1250 x 850
Working plate surface (WxD) in mm	800 x 740 (Height above the floor 830 mm)
Max. workpiece weight	max. 100 kg
Workpiece motion	motorized
Scope of motion	x 400, y 210, z 300 mm
Speed of motion	x, y, z – max. 25 mm/s
Weight	230 kg
<b>Electrical connection</b>	200–240 V / 50–60 Hz / 16 A or 3 x 400 V / 50 Hz / 3 x 16 A (depending on laser)
<b>Options</b>	<ul style="list-style-type: none"> <li>&gt; Tilttable turntable with chuck for horizontal to vertical rotation</li> <li>&gt; Magnetic workpiece bracket for free positioning of workpieces</li> <li>&gt; Tilttable joint – can be tilted up to 30° downwards and up to 10° upwards</li> </ul>

## AL-T 500

Technical data	AL-T 500
<b>Mechanical dimensions</b>	
WxDxH in mm	1200 x 1360 x 1260
Working plate surface (WxD) in mm	600 x 475
Max. Workpiece weight	max. 400 kg
Workpiece motion	motorized
Scope of motion	x 490, y 400, z 350 mm extendable to 500 mm
Speed of motion	x, y, z – max. 25 mm/s
Weight	550 kg
<b>Electrical connection</b>	3 x 400 V / 50–60 Hz / 3 x 16 A
<b>Options</b>	<ul style="list-style-type: none"> <li>&gt; CNC control for automatic manufacture of parts in series (WINLaserNC)</li> <li>Accuracy of positioning: +/- 0,05 mm</li> <li>Accuracy of repetition: +/- 0,01 mm</li> <li>&gt; Rotational table with chuck, tiltable for horizontal to vertical rotational motion</li> <li>&gt; Magnetic workpiece bracket for free positioning of workpieces</li> </ul>

