

Materials checklist for a whole hand-held laser welding machine (including both water-cooling and air-cooling ones)

No.	Item	Description	Sample Photo
1	Machine Cover	Machine cover includes the cover for the machine body, control cabinet, and the lockset on the machine and control cabinet. Generally, there are two main types: water-cooled laser welding machines (which are further divided into chiller locked style and chiller unlocked style) and air-cooled laser welding machines. The machine cover for water-cooled machines is larger in size compared to that of air-cooled machines.	 <p>water-cooling welder with chiller locked</p> <p>water-cooling welder with chiller unlocked</p> <p>Air-cooling welder with no chiller</p>
2	Chiller (Only necessary for water-cooling laser source)	The core component that used for cooling the laser source and laser welding head, now also has manufacturer who combine the Chiller with the machine cover (Please refer to the first image in the upper row)	
3	Water-cooling laser source	The core component that generates the laser, and you can choose from different brands of continuous wave laser sources on our website.	
3	Air-cooling laser source	If you choose an air-cooled laser cutting machine, you won't need a chiller. Compared to water-cooled lasers, air-cooled lasers are smaller in size, lighter in weight, and more affordable. However, they may have lower power output. Generally, water-cooled lasers typically have power ratings ranging from 1000W to 3000W, while air-cooled lasers typically range from 800W to 1200W. You should choose between the two based on your specific needs.	
4		<p>Cost-Effective Option for Water-cooling Welder: BW101-GS (3in1) Laser Welding System, including: BW101 Handheld Welding Head: 1 unit Handheld Welding Control System: 1 unit Raytools Handheld Welding Touch Screen Software: 1 unit Switching Power Supply: 1 unit Standard Accessories Package: 1 unit Motor Cable 1 unit Wire Feeder: 1 unit Switching Power Supply Cable Kit: 1 unit</p>	

	<p>Laser welding system (3 Options)</p>	<p>Advanced Option for Water-cooling Welder: SUP21T (4in1) Laser Welding System, including: Laser Welding Head SUP21T (×1) Wire Feeder SUP-AMF-A (×1) Controller system (×1) LCD Display (×1) Switch Power Supply 15V & 24V (×2) System Cable (×2) Wire Feeder Signal Cable 10m (×1) Wire Feeder Power Cable 5m (×1)</p>	<p style="text-align: center;">Packing List</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td> x1</td> <td> x1</td> <td> x1</td> <td> x1</td> </tr> <tr> <td> x2</td> <td> x2</td> <td> x1</td> <td> x1</td> </tr> </table> 	 x1	 x1	 x1	 x1	 x2	 x2	 x1	 x1	
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		<p>Option for Air-cooling Laser Welder: Raycus Laser Welding System, including: Laser Welding Head (×1) Wire Feeder (×1) Controller system (×1) LCD Display (×1) Power Supply LM35010A24 (×1) Power Supply LM75-23B24R2-C (×1) Nozzles (×8) Protective Lens (×5)</p>	<p style="text-align: center;">Packing List</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td> x1</td> <td> x1</td> <td> x1</td> <td> x1</td> </tr> <tr> <td> x1</td> <td> x1</td> <td> x1</td> <td> x1</td> </tr> </table> 	 x1	 x1	 x1	 x1	 x1	 x1	 x1	 x1	
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7	<p>Electrical parts</p>	<p>All the small electrical parts such as computer, switch, Relay, wires and so on.</p>										
8	<p>Consumable parts</p>	<p>We offer a one-year supply of consumables, including: Protective Lens Focus Lens Seal Ring Collimating Lens Welding Copper Nozzle Wire Feeding Copper Nozzle Calibration Tube Cutting Copper Nozzle</p>										