

Automatic Wire Cutter

ATTENTION: This unit has moving parts that can cause injury. Keep your fingers away from the unit during use. MHPPro.net will not be responsible for any injury, damage or loss caused by this device. Please read this manual in its entirety.



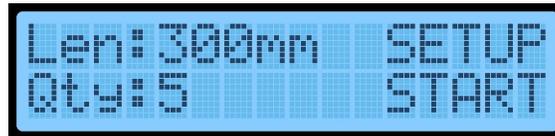
Presentation



1. Power inlet
2. Rotary knob & click
3. Tension lever
4. Nozzle
5. Cutter

Menus

Default menu



Len : Determines the length of the wire to be cut. In metric or imperial defined in the SETUP menu.

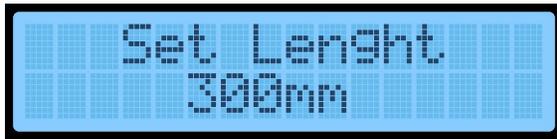
Qty: Determines the amount of wire to be cut.

SETUP: To enter in setup sub-menu.

START: Starts the task of cutting (Qty) wires with a length of (Len).

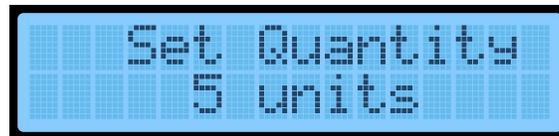
To select an option, simply rotate the knob slowly until the desired menu is blinking then push the knob.

“Len” menu



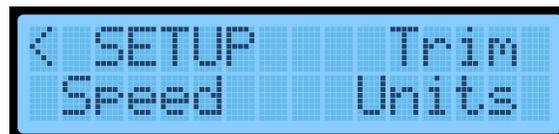
To set length, rotate the knob until the desired length then press knob to save and exit. NOTE: Imperial unit have 0.25" steps.

“Qty” menu



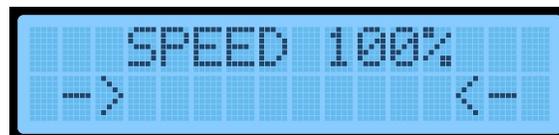
To set quantity, rotate the knob until the desired quantity then press knob to save and exit.

“SETUP” menu



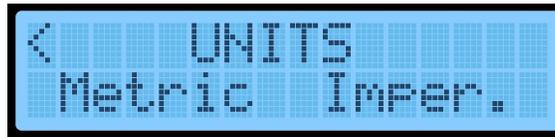
To select a SETUP option, simply rotate the knob slowly until the desired menu is blinking then push the knob.

“SPEED” menu



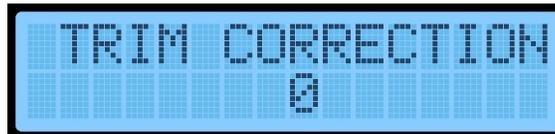
To setup speed, simply rotate the knob from 10% to 100% then push the knob to save and exit.

“UNITS” menu



To select the unit option, simply rotate the knob slowly until the desired unit is blinking then push the knob to save and exit. You can also select the back icon if no change. Do not rely on this function to convert mm to inches and vice versa. Changing units is only a round conversion.

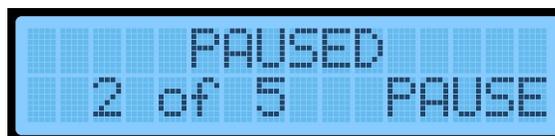
“TRIM” menu



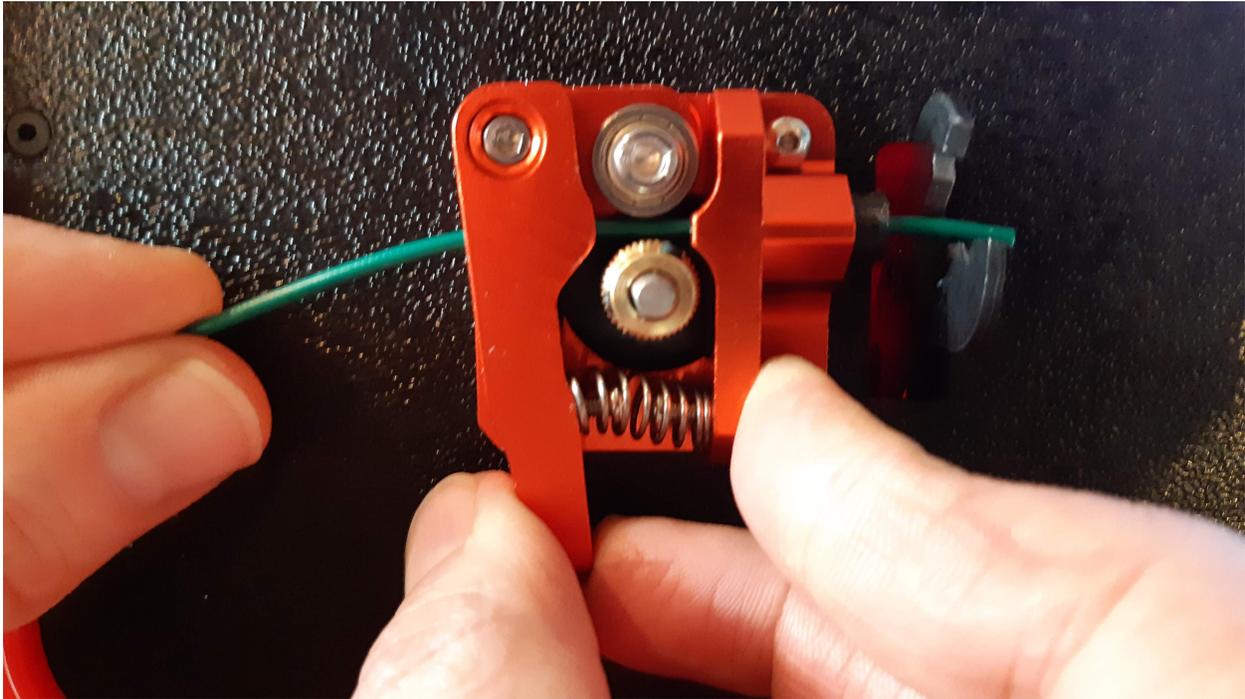
This device has been calibrated for one meter long of 2 mm OD wire. Depending on the precision you need and the wire diameter, you may want to adjust the accuracy. “TRIM CORRECTION” add/remove microns of the traction wheel circumference. Increasing this number decreases the length of the wire and conversely decreasing this number increases the length of the wire. Again, simply rotate the knob until the desired correction then push the knob to save and exit.

PAUSE (experimental)

During the execution of the task, it is possible to pause the device. Simply press the button to pause and press again to resume.



Setting up the wire



Press the tension lever to insert the wire from the left side between the traction wheel and the bearing up to over the cutter. Be sure to leave the wire of the cutter protruding. It may be necessary to roll the wire between your fingers to help get in the way.

Accessories

Depending of the wire diameter, it may be necessary to change the tip and/or the bearing.

Recommended combination	
Wire size from 1 mm to 1,5 mm	Green tip with larger bearing (do not use the lock washer) 

<p>Wire size from 1,5 mm to 2,5 mm</p>	<p>Black tip with smaller bearing (use the lock washer)</p> 
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NOTE: Make sure that the tension lever can move freely after changing the bearing. **DO NOT TIGHTEN TOO MUCH THE TIP to avoid breaking it. Simply tighten it with your fingers or gently with pliers.**

Specifications	
Feed speed	Max: Up to 9,2 meters per minute (30 feet per minute)
Wire size capacity	Min: About 1,5 meter per minute (5 feet per minute) From 1 mm to 2,5 mm \varnothing (OD) (Note that the use of a wire that approaches the lower and upper limit may cause some problems depending on the stiffness/flexibility of the wire.)
Power supply	External 12v 2 amperes DC (positive center) 5,5 mm x 2,1 mm power jack connector
Units	Metric and imperial