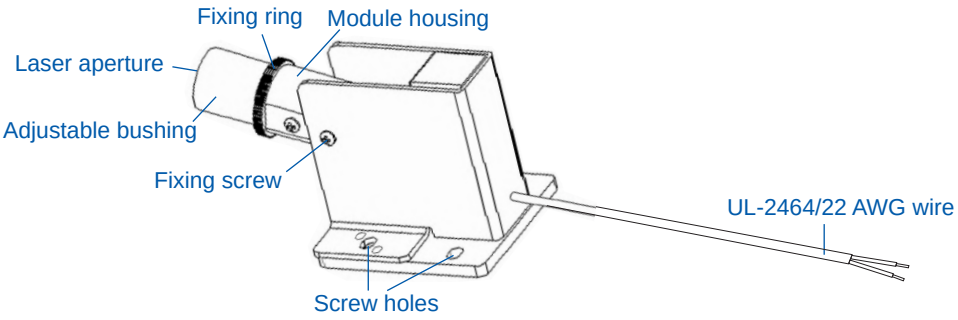
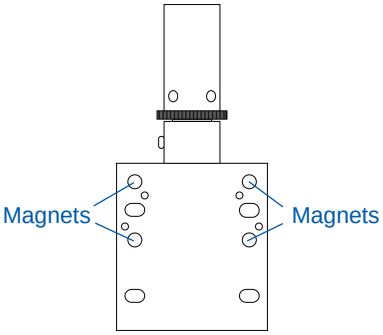
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ML-100-12V / ML-200-12V / ML-300-12V INSTRUCTIONS

OPERATION FUNCTIONS





Bottom Side

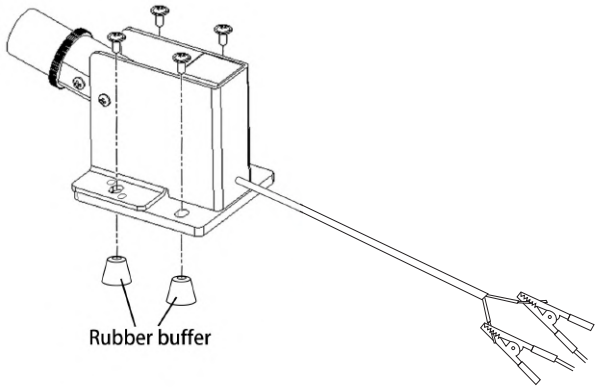
FEATURES

1. **12V, 24V Battery Compatible** - Connect directly to any 12V or 24V battery or DC power supply - no AC adapter required.
2. **Vehicle Battery Powered** - Runs on a 12V vehicle battery for mobile and field applications.
3. **Ideal for Locations Without AC Power** - Perfect for outdoor or remote use where AC power is unavailable.
4. **10~36V Industrial DC Input** - Supports 12V, 24V and 36V DC systems for industrial equipment.

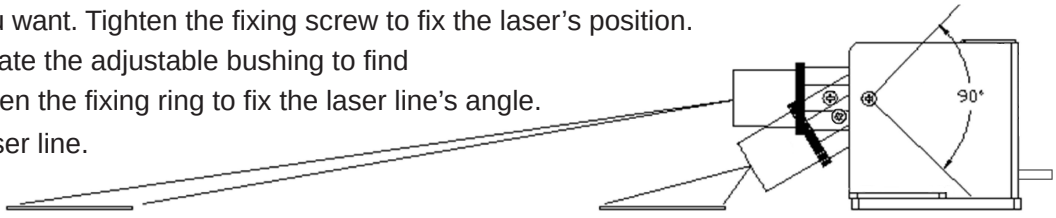
OPERATE

1. Attach to the cutting machine with four M4 screws (screws not included).
2. When in heavy shock/vibration environments, users can place the rubber buffer between bottom chassis and surface.
3. The ML-100-12V / ML-200-12V / ML-300-12V are equipped with four magnets integrated into the bottom chassis. It will have magnetic attraction when it's on metal surface with iron.
4. Connect the wire to power supply.





5. Loose the fixing screw gently and adjust the module housing to project the laser line into position you want. Tighten the fixing screw to fix the laser's position.
6. Loose the fixing ring. Rotate the adjustable bushing to find the angle you want. Tighten the fixing ring to fix the laser line's angle.
7. Cut the stuff along the laser line.



SAFETY PRECAUTIONS

Laser radiation is harmful to the eyes, never look directly into the laser beam or its direct reflection

- Never aim the laser beam at persons' eyes.
- This unit must be used by experienced technical personnel only. Do not leave the laser beam unattended.
- Do not target vehicles or aircraft with the laser beam when the unit is used outdoors.
- Do not look directly into laser beam with optical instrumentation unless adequate protective filters are used to protect the eyes.
- Avoid aiming the laser beam at mirror- likes surfaces. Remove any unnecessary mirror-likes surface from the vicinity of the laser beam path.
- The warranty will no longer exist once the product been taken apart.

WARNING

Use of controls of adjustment or performance of procedures other than those specified herein may result in hazardous radiation exposure.

More Information:
https://www.quarton.com/laser-line-generators.htm

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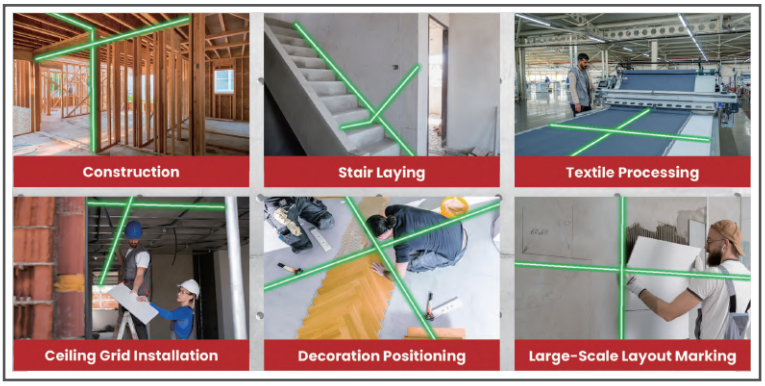
ML-100

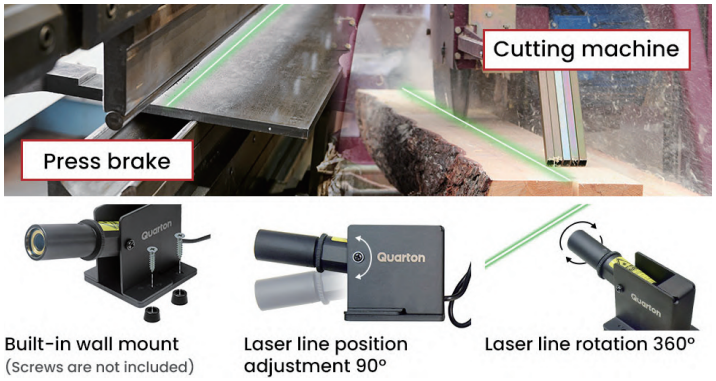


ML-200



ML-300













Model Name	ML-100	ML-200	ML-300
Laser color	635 nm Red laser line	520 nm Green laser line	520 nm Green Crosshair
Ideal for	**Indoor** cutting & alignment	**Indoor / Low-light outdoor** cutting & alignment	**Indoor / Low-light outdoor** cutting & alignment
Brightness	Standard	Up to 7x brighter than ML-100	Crosshair visible up to 30 ft
Dimension(L x W x H)	4.60” x 2.13” x 2.32” (11.7 x 5.4 x 5.9 cm), wire cable: D4.2, L=78.7”		
Weight	250±5g / 8.82±0.17 oz.		
Width of laser line	<2mm at 4M	<3mm at 5M	
Laser class	Class 1		
Waterproof	Yes		
Shock/Vibration resistance	Yes (Rubber buffer included)		
Operating temp. range	-20°C ~ 60°C / -4°F ~ 140°F		
Emitting angle	>120°	>120°	>80°
Housing / Finishing	Metal / Black anodized		
Operating voltage	**10~36V (12V, 24V, 36V)**		
Best applications	Stone / lumber cutting, textile cutting, press brake, surface grinder, tire manufacturing alignment	Same as ML-100 but brighter for indoor or low-light outdoor work	Large work surfaces, accuracy positioning, cross-guideline marking