

Trouble-shooting

(1) Basic assumed causes

If your problem is not resolved with the list below, please contact us referring to "Warranty and Warranty and After-sales service" (⑤).

Problem	Assumed causes / Resolutions
Power is not turned on	The Power cord may not be connected. Refer to "Mains power and grounding" (②-P.3).
	The Fuse may be blown out. Refer to "Fuse replacement of Oscillator" (②-P.5).
Oscillation is not output	The Output knob may be in its minimum position, adjust the Output knob on the front panel. Refer to "Names of Oscillator" (②-P.1).
	Turn on the Output switch on the front panel. If oscillation outputs, disconnecting of external circuits and/or loose connection of connectors may be assumed. Refer to "Usage (of manual operation)" (②-P.4).
Emergency stop performed The Emergency lamp (red) lights and the alarm buzzer sounds. The Emergency stop signal outputs to automatic machine at the same time.	Overheat protection It works when it detects overheating either of Oscillator or Transducer. Refer to "Setting of Oscillator" (②-P.3).
	Overload protection It works when too much resistance, which exceeds the unit's ability and may cause failure, is loaded during operation. Refer to "Assumed causes of overload stop" (④-P.9).
How to recover (RESET) from emergency stop; It can be done by pushing the Reset button on the front panel.	
Cannot be recovered (RESET) from emergency stop	Oscillation protection, which oscillation stops for hazard prevention when reset is repeated without solving emergency stop problems, may behave. The protection can be canceled when the power is cycled.
The Blade, Holder or Horn tool is broken	There may be some inadequate in attaching, cleaning or life of relevant components. Try again to attach firmly, clean up, or exchange components. Refer to "Maintenance of Transducer" (③-P.4~5).

(2) Assumed causes of overload stop

It works when too much resistance, which exceeds the unit's ability and may cause failure, is loaded during operation.

If your problem cannot be resolved referring to the relevant pages indicated in the list below,

Please contact us referring to "Warranty and Warranty and After-sales service" (⑤).

Assumed causes	Resolutions
The work cannot be cut for its characteristic is not adequate or severer.	Re-examine the characteristic of the cutting object.
There is no problem in strait cutting course, but over load stop performs in curved cutting course.	The cutting speed may be inadequate. Re-examine cutting speed for curved cutting course.
The load is larger because of attrition and/or damage of Blade.	There may be problems in maintenance of Transducer. Refer to "Maintenance of Transducer" (③-P.4~5).
The load is larger because of wrong attachment of some components.	
The load is larger because there are some abnormal things, oils and fats between components.	
Any Blade or a tool unspecified in this manual is attached.	Transducer operates only with an adequate Blade and/or tool. Refer to "Specifications and compositions" (⑥).