

Trouble-shooting

(1) Basic considerable reasons

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

Problem	Considerable reasons / resolution
Power is not turned on	Power cord may not be connected. Refer to “Mains and grounding” (②-P.3).
	Fuse may be blown out. Refer to “Exchanging fuses of Oscillator” (②-P.10).
Oscillation is not output	The output knob may be in its minimum position, adjust the output knob on the front panel. Refer to “Name of Oscillator” (②-P.1).
	Turn on the output switch on the front panel. If oscillation outputs, the external circuit (automatic machine side) may have some troubles such as wrong connection, wire breaking, or loose contact etc. Refer to “Usage set on automatic machine”(②-P.4) or “Manual usage”(②-P.7).
Error performed Emergency lamp (red) lights and alarm buzzer sounds. Error signal outputs to automatic machine at the same time.	Over heating protection It works when over heating is detected at Oscillator or Transducer. Refer to “Setting of Oscillator” (②-P.3) and “Provision of cooling air” (③-P.3).
	Over load protection It works when too much resistance, which excesses the unit’s ability and may cause failure, is loaded during operation. Refer to “Considerable reasons of over load stop” (④-P.9).
	Output protection It works when Transducer is not connected normally. There may be wrong wiring or a damaged wire. Refer to “Connection with Oscillator” (③-P.4).
How to reset from Error? At first turn off the power switch on the front panel of Oscillator, and keep this situation for 5 seconds, and then turn on the power switch. Then you shall complete resetting.	
Unit cannot be reset from Error	You may be failed the above resetting completely. Try to reset again.
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, referring to “Maintenance of Transducer” (③-P.5).
Number of lighting output lamp is abnormal	The numbers indicated in “Output changeover control function”(②-P.8) is a guideline. Actual output is already changed 75% or 50% of its full function.

(2) Considerable reasons of over load 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 "After sale services".

Considerable reasons	Resolution
The work cannot be cut for its characteristic is not adequate or severer.	Re-examine the characteristic of the cutting object.
"The direction of Blade" mounted on machine differs from "the direction of cutting course".	Re-examine both movement of automatic machine and Transducer.
Something other than Blade contacts a 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. Please refer to "Maintenance of Transducer" (③-P.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 "Specification and composition" (⑤)