

## MF Eco machine 2.0 Certification System Registry

### (Sheet Metal Forming Machines)

Certification number & Registered product	<b>MF2-B003</b> Fiber Laser Cutting Machine	Product scope	<b>VENTIS-Aje series</b>
Registered company	<b>AMADA CO. LTD.</b>	Certified product	<b>VENTIS3015AJe /4020AJe(4kW,6kW)</b>
Production of criteria-base product	<b>May, 2013</b>	Criteria-base product	<b>LCG3015AJ</b>

Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks	
(1) Essential requirement			VENTIS3015AJe/4020AJe		
Total energy consumption			4kW vs LCG305NT (3.5kW)	6kW vs LCG305NT (3.5kW)	
Energy saving	Energy consumption	Reduction ratio	40% or more reduced	<b>69%</b>	<b>51%</b>
<b>based on JFMA criteria</b>					

(2) Selective requirement					
Resource saving	Operating oil	Total consumption	10% or more reduced	<b>100%</b>	
Environment conservation	Safety	Safety standard		○	
	Hazardous materials	JFMA criteria		○	
	EMC	Applicable regulation		○	
Minimum selective requirement		3 items or more		<b>4 items</b>	

(3) Recommendation requirement		Names of equipped devices/functions	Summary of effects on environmental burden reduction
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Idling stop	Reduce standby power by cutting off the power inside the control panel during idling stop.
		AMNC4ie	Identify workers and switch to screens that match their skills
		Eco Machine	Display of CO2 emission
		assist gas control	Reducing power consumption through assist gas control
		i-CAS	The function to easily layout and cut out leftover materials
Minimum recommendation requirement		3 items or more	<b>5 items</b>