

Register: July 1, 2024

MF Eco machine 2.0 Certification System Registry

(Sheet Metal Forming Machines)

Revised: Dec. 10, 2025

Certification number & Registered product	MF2-B003 Fiber Laser Cutting Machine	Product scope	VENTIS-Aje series
Registered company	AMADA CO. LTD.	Certified product	VENTIS3015AJe /4020AJe(4/6/9kW)
Production of criteria-base product	May, 2013	Criteria- base product	LCG3015NT(3.5kW) FOM2 3015NT(4kW)

Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks		
(1) Essential requirement				VENTIS3015AJe/4020AJe		
Total energy consumption				4kW vs LCG305NT	6kW vs LCG305NT	9kW vs FOM2 3015NT
Energy saving	Energy consumption	Reduction ratio	40% or more reduced	69%	51%	80%
based on JFMA criteria						

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

(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	5 items

Remarks; 1. Dec, 10, 2025; VENTIS3015AJe/4020AJe (9kW) are added.