

Register:July 1, 2024

Revised:Dec. 10, 2025

MF Eco machine 2.0 Certification System Registry**(Sheet Metal Forming Machines)**

| | | | | | | | |
|---|---|-------------------------------------|--|--|-----------------|--|--|
| 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 | | |
| Energy saving | Energy consumption | Reduction ratio | 40% or more reduced | 69% | 51% | | |
| based on JFMA criteria | | | | | | | |
| (2) Selective requirement | | | | | | | |
| Resouce saving | Operating oil | Total consumption | 10% or more reduced | 100% | | | |
| Environment conservation | Safety | Safety standard | | <input checked="" type="radio"/> | | | |
| | Hazardous materials | JFMA criteria | | <input checked="" type="radio"/> | | | |
| | EMC | Applicable regulation | | <input checked="" type="radio"/> | | | |
| 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.