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

Register:Dec 3, 2019
Revised:Dec 15, 2022
Revised:May 22, 2023

Certification number & Registered product	MF-B023(1/6) Laser and Punch Combination Machines	Product scope	**LCC1-Aje series**
Registered company	AMADA CO. LTD.	Certified product	**LC2012C1AJe, LC2512C1AJe,LC2515C1AJe**
Production of criteria-base product	May, 2013	Criteria-base product	LC2012C1NT

Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks
(1) Essential requirement				
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	**47%**
				based on JFMA criteria
(2) Selective requirement				
Resouce 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	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
		Tapping	Reducing the tact time of tapping
Minimum recommendation requirement		3 items or more	**4 items**

Remarks:

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Register:Dec 3, 2019
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Revised:May 22, 2023

Certification number & Registered product	MF-B023(2/6) Laser and Punch Combination Machines	Product scope	ACIES-AJe シリーズ
Registered company	AMADA CO. LTD.	Certified product	ACIES2512BAJe/TAJe ACIES2515BAJe/TAJe
Production of criteria-base product	March, 2014	Criteria-base product	ACIES2512

Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks
(1) Essential requirement				
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	**64%**
				based on JFMA criteria
(2) Selective requirement				
Resouce 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	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
		Tapping	Reducing the tact time of tapping
Minimum recommendation requirement		3 items or more	**4 items**

Remarks:

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Register:Dec 3, 2019
Revised:Dec 15, 2022
Revised: May 22, 2023

Certification number & Registered product	MF-B023(3/6) Laser and Punch Combination Machines	Product scope	EML-AJeシリーズ
Registered company	AMADA CO. LTD.	Certified product	EMLK2512AJe,EMLZ2512AJe,EMLZ2512AJPe, EMLK2515AJe,EMLZ2515AJe,EMLZ2515AJPe,
Production of criteria-base product	May, 2017	Criteria-base product	EML3510NT

Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks
(1) Essential requirement				
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	**59%**
				based on JFMA criteria
(2) Selective requirement				
Resouce 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	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
		Tapping	Reducing the tact time of tapping
Minimum recommendation requirement		3 items or more	**4 items**

Remarks:

MF Eco machine Certification System Registry
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Register:Dec 3, 2019
Revised:Dec 15, 2022

Certification number & Registered product	MF-B023(4/6) Laser and Punch Combination Machines	Product scope	LCC1-AJ Series
Registered company	AMADA CO. LTD.	Certified product	LC2512C1AJ LC2515C1AJ
Production of criteria-base product	May, 2013	Criteria-base product	LC2012C1NT

Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks	
(1) Essential requirement					
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	**81.1%**	%
				based on JFMA criteria	
(2) Selective requirement					
Resouce 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	Summary of effects on environmental burden reduction
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Fiber Laser oscillator	The power consumption reduction and the activation time abridgment
		Fiber Laser processing	The productivity improvement and the running cost reduction
		The cabin partition	It provides clean environment and safety.
		The industrial and electrical division integral	The package reduction
Minimum recommendation requirement		3 items or more	**4 items**

Remarks:

MF Eco machine Certification System Registry
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Register:Dec 3, 2019
Revised:Dec 15, 2022

Certification number & Registered product	MF-B023(5/6) Laser and Punch Combination Machines	Product scope	ACIES-AJ Series
Registered company	AMADA CO. LTD.	Certified product	ACIES2512AJ ACIES2515AJ
Production of criteria-base product	March, 2014	Criteria-base product	ACIES2512

Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks	
(1) Essential requirement					
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	**78.8%**	%
				based on JFMA criteria	
(2) Selective requirement					
Resouce 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	Summary of effects on environmental burden reduction
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Fiber Laser oscillator	The power consumption reduction and the activation time abridgment
		Fiber Laser processing	The productivity improvement and the running cost reduction
		The cabin partition	It provides clean environment and safety.
		The industrial and electrical division integral	The package reduction
Minimum recommendation requirement		3 items or more	**4 items**

Remarks:

MF Eco machine Certification System Registry
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Register:Dec 3, 2019
Revised:Dec 15, 2022

Certification number & Registered product	MF-B023(6/6) Laser and Punch Combination Machines	Product scope	EML-AJ Series
Registered company	AMADA CO. LTD.	Certified product	EML2512AJ EML2515AJ
Production of criteria-base product	May, 2017	Criteria-base product	EML3510NT

Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks	
(1) Essential requirement					
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	**60.5%**	%
				based on JFMA criteria	
(2) Selective requirement					
Resouce 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	Summary of effects on environmental burden reduction
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Fiber Laser oscillator	The power consumption reduction and the activation time abridgment
		Fiber Laser processing	The productivity improvement and the running cost reduction
		The cabin partition	It provides clean environment and safety.
		The industrial and electrical division integral	The package reduction
Minimum recommendation requirement		3 items or more	**4 items**

Remarks: