

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

Register:Dec. 3, 2019

Revised:Dec. 15, 2022

Revised:Dec. 14, 2023

Criteria revised:Jun. 21, 2024

Revised:Dec. 10, 2025

Certification number & Registered product	MF-B003(1/4) Punch Press Machine		Product scope	EM-ZR Series			
Registered company	AMADA CO. LTD.		Certified product	EM3612ZRBe/ZRTe EM3510ZRBe/ZRTe			
Production of criteria-base product	June, 2011		Criteria-base product	EMZ3610/3510NT			
Requirements & Environment factors	Evaluation item	Criteria	Evaluation result and/or remarks				
(1) Essential requirement				EM3612ZRBe vs EMZ3610NT			
Energy saving	Energy consumption	Reduction ratio	25% or more reduced	39%	% based on JFMA criteria		
(2) Selective requirement							
Environment conservation	Safety	Safety standard		○			
	Hazardous materials	JFMA criteria		○			
	EMC	Applicable regulation		○			
Minimum selective requirement		3 items or more		3 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)	Cooling Fan	Of the fan it operates only at the time of the differential temperature in the temperature rise test.				
		MPT Tapping Unit	The productivity improvement by high-speed tap processing realization				
		The clamping processing change of 5x10' workpiece	The punching tact-time improvement by the clamping processing change of 5x10' workpiece.				
		Idling stop	Reduce standby power by cutting off the power inside the control panel during idling stop.				
		Adopts the latest NC	Improved operability and enable to machine condition monitoring				
Minimum recommendation requirement		3 items or more	5 items				

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(Sheet Metal Forming Machines)

Register:Dec. 3, 2019  
Revised:Dec. 15, 2022  
Revised:Jun. 22, 2023  
Criteria revised:May. 21, 2024  
Revised:Dec. 10, 2025

Certification number & Registered product	MF-B003(2/4) Punch Press Machine		Product scope	EMZ/EMK Series			
Registered company	AMADA CO. LTD.		Certified product	EMZ3612/3510M2e EMK3612/3510M2e			
Production of criteria-base product	June, 2011		Criteria-base product	EMZ3610/3510NT			
Requirements & Environment factors	Evaluation item	Criteria	Evaluation result and/or remarks				
(1) Essential requirement			EMZ3510M2e vs EMZ3510NT				
Energy saving	Energy consumption	Reduction ratio	25% or more reduced	36%	%		
based on JFMA criteria							
(2) Selective requirement							
Environment conservation	Safety	Safety standard		<input type="radio"/>			
	Hazardous materials	JFMA criteria		<input type="radio"/>			
	EMC	Applicable regulation		<input type="radio"/>			
Minimum selective requirement		3 items or more		3 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	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				
Minimum recommendation requirement		3 items or more	3 items				