

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

Register:Dec. 6, 2024

Certification number & Registered product		MF2-B012(1/2) Fiber Laser Welding Machine		Product scope	FLW Series	
Registered company		AMADA CO. LTD.		Certified product	FLW6000ENSISe, FLW3000ENSISe, FLW3000Le	
Production of criteria-base product		Dec., 2006		Criteria-base product	YLR1500III	
Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks		
(1) Essential requirement				FLW6000ENSISe vs YLR1500III	FLW3000ENSISe vs YLR1500III	
Energy saving	Energy consumption	Reduction ratio	40% or more reduced	70%		69%
				FLW3000Le vs YLR1500III		
				81%		
				based on JFMA criteria		
(2) Selective requirement						
Environment conservation	Safety	Safety standard		X		
	Hazardous materials	JFMA criteria		X		
	EMC	Applicable regulation		X		
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)	Partition	Shielding the welding area to protect workers			
		Dust collector	Maintaining the working environment within the partition			
		LED lighting	Energy saving with LED lighting inside partitions			
		AI-TAS	AI-based automatic correction system for teaching			
Minimum recommendation requirement		3 items or more		4 items		

MF Eco machine Certification System Registry
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Register:Dec. 6, 2024

Certification number & Registered product		MF2-B012(2/2) Fiber Laser Welding Machine		Product scope	FLW Series
Registered company		AMADA CO. LTD.		Certified product	FLW1500MT
Production of criteria-base product		Feb. 2009		Criteria-base product	YLM500P2
Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks	
(1) Essential requirement				FLW1500MT vs YLR1500P2	
Energy saving	Energy consumption	Reduction ratio	40% or more reduced	89%	
				based on JFMA criteria	
(2) Selective requirement					
Resource saving	Compactification	Installation area	10% or more reduction	23%	
	Lightweight	Total weight		89%	
Environment conservation	Safety	Safety standard		X	
	Hazardous materials	JFMA criteria		X	
	EMC	Applicable regulation		X	
Minimum selective requirement		3 items or more		5 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)	Partition	Shielding the welding area to protect workers		
		Dust collector	Maintaining the working environment within the partition		
		LED lighting	Energy saving with LED lighting inside partitions		
		AI-TAS	AI-based automatic correction system for teaching		
Minimum recommendation requirement		3 items or more	4 items		