

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

Register: Jun. 23, 2026

Certification number & Registered product		MF2-B015 Fiber Laser Welding Machine		Product scope	FWL Series	
Registered company		SHIBUYA CORPORATION		Certified product	FWL1500SHB	
Production of criteria-base product		July, 2015		Criteria-base product	SYL400	
Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks		
(1) Essential requirement				FWL1500SHB vs SYL400		
Energy saving	Energy consumption	Reduction ratio	40% or more reduced	85%		
				based on JFMA criteria		
(2) Selective requirement						
Resource saving	Compactification	Installation area	10% or more reduction	X		
	Weight reduction	Total Weight		X		
Environment conservation	Vibration・Noise	Noise under load	3 dB or more reduction	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)	Built-in chiller	Reduced the installation space.			
		Reduce consumables	No need to replace the flash lump or mirror			
		Long Life	The LD lifespan of a fiber laser is more than ten times that of a flashlamp.			
Minimum recommendation requirement		3 items or more		3 items		

Remarks: