

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

Registered: Dec 3, 2019

Certification number	MF-B021 Hydraulic Servo Press Brake		Product scope	EG series	
Registered company	AMADA CO.LTD.		Certified Product	EG4010/6013	
Criteria-based product(production)	FBDⅢ3512NT/5020NT(2003年10月)				
Requirements & environment factors		Evaluation item	Criteria	Evaluation result and/or remarks	
(1) Essential requirement				vs FBDⅢ 3512NT	vs FBDⅢ 5020NT
Energy saving	Energy consumption	Reduction ratio	15% or more reduced	62.6%	61.6%
				based on JFMA criteria	
(2) Selective requirement				EG4010	EG6013
Energy saving	Energy consumption	Reduction ratio	15% or more reduced	70.6%	66.2%
				The reduction of power consumption per unit is applied at the time of loaded operations per JFMA criteria.	
Resource saving	Operating oil	Total consumption	10% or more reduced.	100%	100%
Environment conservation	Hazardous materials	Safety Standard	Applied standard	○	
Minimum selective requirement		3items or more		3 items	
(3) Recommendation requirement		Names of equipped	Summary of effects on environmental burden reduction		
En	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Electric servo drive mechanism	Shorter startup time, lower power consumption		
		Electric servo drive mechanism	Hydraulic oil-free due to electric servo drive mechanism		
		Laser type safety device	Secure operator safety by laser type safety device		
		Operation information management	Prevent troubles by collecting operation information		
Minimum recommendation requirement		3 items or more		4 items	