

Certification number		MF-B021 (1/3) Hydraulic Servo Press		Product scope	EG-e series	
Registered company		AMADA CO.LTD.		Certified Product	EG4010e/6013e	
Criteria-based product(production)		FBDⅢ3512NT/5020NT(Oct. 2003)				
Requirements & environment factors		Evaluation item	Criteria	Evaluation result and/or remarks		
(1) Essential requirement				EG4010e vs FBDⅢ3512NT	EG6013e vs FBDⅢ5020NT	
Energy saving	Energy consumption	Reduction ratio	25% or more reduced	37%	52%	
				based on JFMA criteria		
(2) Selective requirement				EG4010e	EG6013e	
Energy saving	Energy consumption	Reduction ratio	25% or more reduced	36%	42%	
				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			
Env	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Eco Machine	Display of the power consumption and the CO2 emission			
		Easy operation, no skill required	start and stop operation by voice, reduction of the push buttons			
		Guidance	Easy-to-understand guidance even for beginners			
		Workpiece abutment monitor	Check if the workpiece is butted correctly			
Minimum recommendation requirement		3 items or more		4 items		

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

Registered: Dec. 3, 2019

Revised: Dec. 15, 2022

Revised: Jun. 22, 2023

Criteria revised: Jun. 21, 2024

Certification number	MF-B021 (2/3) Hydraulic Servo Press Brake		Product scope	EG-e, EGB-ARce/ATCe/Arse			
Registered company	AMADA CO.LTD.		Certified Product	EG6020e/8025e/1303e EGB6013ARce,EGB6020ATCe, EGB1303ATCe/Arse			
Criteria-based product(production)	FBD III 5020NT/8025NT/1253NT (Oct.2003)						
Requirements & environment factors	Evaluation item	Criteria	Evaluation result and/or remarks				
① Essential requirement			vs FBD III 5020NT				
Total power consumption			EGB6013ARce	EG6020e	EGB6020ATCe		
			33%	48%	46%		
			based on JFMA criteria				
Energy saving	Energy consumption	Reduction ratio	25% or more reduced	vs FBD III 8025NT	vs FBD III 1253NT		
				EGB8025e	EGB1303e	EGB1303ATCe	
				44%	45%	42%	
				based on JFMA criteria			
				vs FBD III 1253NT			
				EGB1303ARse			
				28%			
				based on JFMA criteria			
② Selective requirement							
Loaded power consumption			vs FBD III 5020NT				
			EGB6013ARce	EG6020e	EGB6020ATCe		
			20%	41%	41%		
Energy saving	Energy consumption	Reduction ratio	25% or more reduced	vs FBD III 8025NT	vs FBD III 1253NT		
				EGB8025e	EGB1303e	EGB1303ATCe	
				40%	45%	45%	
				vs FBD III 1253NT			
				EGB1303ARse			
				32%			

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Certification number		MF-B021 (2/3) Hydraulic Servo Press Brake		Product scope	EG-e series ,EGB-ARce/ATCe/Arse series
Registered company		AMADA CO.LTD.		Certified Product	EG6020e/8025e/1303e EGB6013ARce,EGB6020ATCe, EGB1303ATCe/Arse
Criteria-based product(production)		FBD III 5020NT/8025NT/1253NT (Oct.2003)			
Requirements & environment factors		Evaluation item	Criteria	Evaluation result and/or remarks	
Resource saving	Operating oil	Total consumption	10% or more reduced.	100% (All Type)	
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)	Eco Machine	Display of the power consumption and the CO2 emission		
		Easy operation, no skill required	start and stop operation by voice, reduction of the push buttons		
		Guidance	Easy-to-understand guidance even for beginners		
		Workpiece abutment monitor	Check if the workpiece is butted correctly		
Minimum recommendation requirement		3 items or more		4 items	

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

Registered: Dec 3, 2019
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Certification number	MF-B021(3/3) 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	25% or more reduced	62.6%	61.6%
				based on JFMA criteria	
(2) Selective requirement				EG4010	EG6013
Energy saving	Energy consumption	Reduction ratio	25% 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		3 items 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	