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

Registered: Dec. 3, 2019
Revised: Dec. 15, 2022
Revised: Dec. 14, 2023

Certification number	MF-B021 (1/3) Hydraulic Servo Press Brake	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				vs FBDⅢ 3512NT	vs FBDⅢ 5020NT
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	**37%**	**52%**
				based on JFMA criteria	
(2) Selective requirement				EG4010e	EG6013e
Energy saving	Energy consumption	Reduction ratio	20% 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
Envi	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Eco Machine	Display of the power consuption 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**

Registered: Dec. 3, 2019
Revised: Dec. 15, 2022
Revised: Jun. 22, 2023

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

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)	FBDⅢ5020NT/8025NT/1253NT（Oct.2003）		

Requirements & environment factors	Evaluation item	Criteria	Evaluation result and/or remarks		
①Essential requirement			vs FBDⅢ5020NT		
Total power consumption			EGB6013ARce	EG6020e	EGB6020ATCe
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	**33%**	**48%**	**46%**
				based on JFMA criteria		
				vs FBDⅢ 8025NT	vs FBDⅢ1253NT	
				EGB8025e	EGB1303e	EGB1303ATCe
				44%	**45%**	**42%**
				based on JFMA criteria		
				vs FBDⅢ 1253NT		
				EGB1303ARse		
				28%		
				based on JFMA criteria		
② Selective requirement					
Loaded power consumption			vs FBDⅢ5020NT		
			EGB6013ARce	EG6020e	EGB6020ATCe
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	**20%**	**41%**	**41%**
				vs FBDⅢ 8025NT	vs FBDⅢ1253NT	
				EGB8025e	EGB1303e	EGB1303ATCe
				40%	**45%**	**45%**
				vs FBDⅢ 1253NT		
				EGB1303ARse		
				32%		

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

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)	FBDⅢ5020NT/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
Env	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Eco Machine	Display of the power consuption 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

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	20% or more reduced	**62.6%**	**61.6%**
				based on JFMA criteria	
(2) Selective requirement				EG4010	EG6013
Energy saving	Energy consumption	Reduction ratio	20% 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
Env	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**