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

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

				Rev	ised: 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)		FB	/5020NT(Oct. 2003)				
Requirements & environment factors		Evaluation item	Criteria Evaluation result and/o			and/or remarks	
(1) Essent	tial requirement			vs FBDⅢ 3512NT		vs FBDⅢ 5020NT	
Energy	Energy consumption	Reduction ratio	20% or more reduced	37%		52%	
saving				based on JFMA criteria		MA criteria	
(2) Selecti	ve requirement			EG40	010e	EG6013e	
	Energy consumption	Reduction ratio	20% or more reduced	36%		42%	
Energy saving				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	0%	100%	
Environment conservation	Hazardous materials	Safety Standard	Applied standard	0)	
	materials Im selective uirement	3items or more		3 items			
	nmendation	Names of equipped	Summary of e	v of effects on environmental burden redu			
Ener dura	rgy saving, bility, long life, lay/managemen	Eco Machine	Display of the power consuption and the CO2 emission				
t of environment info.,		Easy operation, no skill required	start and stop operation by voice, reduction of the push buttons				
emis	ition/noise, sion osphere, soil)	Guidance	Easy-to-understand guidance even for beginners				
Envi	ospilere, soli)	Workpiece abutment monitor	Check if the workpiece is butted correctly				
Minimum recommendation requirement 3 items or mor			4 items				

Registered: Dec. 3, 2019

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

Revised: Dec. 15, 2022 Revised: Jun. 22, 2023

		-)21 (2/3)			ed: Jun. 22, 2023		
Certification number		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			
	ria-based (production)	FBD 🎞 502	0NT/8025NT	T/1253NT(Oct.2003)				
Requirements & Evaluation environment factors item Criteria			Criteria	Evaluation result and/or remarks				
(1)Esse	ntial require	ment		vs FBDⅢ5020NT				
Tot	al power con	sumption		EGB6013ARce	EG6020e	EGB6020ATCe		
	Energy consumption	Reduction ratio	20% or more reduced	33%	48%	46%		
				based on JFMA criteria				
				vs FBDⅢ 8025NT	vs FBDⅢ1253NT			
				EGB8025e	EGB1303e	EGB1303ATCe		
Energy				44%	45%	42%		
saving				based on JFMA criteria				
				vs FBDⅢ 1253NT				
				EGB1303ARse				
				28%				
				based on JFMA criteria				
2 Selective requirement								
				vs FBDⅢ5020NT				
Loaded	power consu	Imption		EGB6013ARce	EG6020e	EGB6020ATCe		
	Energy consumption	Reduction ratio	20% or more reduced	20%	41%	41%		
				vs FBDⅢ 8025NT	vs FBDⅢ1253NT			
Energy saving				EGB8025e	EGB1303e	EGB1303ATCe		
				40%	45%	45%		
				vs FBDⅢ 1253NT				
				EGB1303ARse				
				32%				

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

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

Revised: Jun. 22, 2023

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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)		FBDIII5020NT/8025NT/1253NT(Oct.2003)					
	uirements & nment 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	0			
Minimum selective requirement		3items or	3items or more		3 items		
(3) Recommendation requirement		Names of equipped	Summary of	ummary of effects on environmental burden reduction			
dura	rgy saving, bility, long life, lay/managemen	Eco Machine	Display of the power consuption and the CO2 emission				
t of environment info., vibration/noise, emission (atmosphere, soil) En		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

Registered: Dec 3, 2019 Revised: Dec 15, 2022

	(Sheet Metal I	Forming Machines)			Rev	/ised: 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		
produc	eria-based et(production)	FBD	5020NT(2003年10月)				
	uirements & nment factors	Evaluation item	Criteria	Evaluation result and/or remarks			
(1) Essen	tial requirement			vs FBDⅢ 3512NT		vs FBDⅢ 5020NT	
Energy	Energy consumption	Reduction ratio	20% or more reduced	62.6%		61.6%	
saving				based on JFMA criteria		MA criteria	
(2) Select	ive requirement				010	EG6013	
				70.6%		66.2%	
Energy Energy saving consumptio		Reduction ratio	20% or more reduced	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	materials	Safety Standard	Applied standard	0)	
	um selective juirement	3items or more		3 items			
requireme		Names of equipped	Summary of e	y of effects on environmental burden reduc			
dura	rgy saving, ability, long life, ılay/managemen	Electric servo drive mechanism	Shorter startup time, lower power consumption				
t of environment info., dr		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			eration	
Minimum recommendation requirement		3 items or more	4 items				

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