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

Registered: Dec 3, 2019

Certification Hydraulic Servo Press Product HG series (1/2						
number Brake Scope Brake	2)					
Registered company AMADA CO.LTD. Certified Product HG5020/8025/1003	HG5020/8025/1003/1303					
Criteria-based product(production) FBDⅢ5020NT/8025NT/1025NT/1253NT(2003年10,	I025NT/1253NT(2003年10月)					
Requirements & Evaluation item Criteria Evaluation result and/or rem	arks					
(1) Essential requirement vs FBDII vs FBDII vs FBDII vs FBDIII vs	G1303 FBDⅢ 253NT					
Lifergy Reduction ratio 13% of more	58%					
saving consumption reduced based on JFMA criteria	based on JFMA criteria					
(2) Selective requirement HG5020 HG8025 HG1003 H	G1303					
53% 53% 58%	52%					
per unit is applied at the tin	The reduction of power consumption per unit is applied at the time of loaded operations per JFMA criteria.					
Resource saving Operating oil Total 10% or more consumption reduced. 46% 44% 33%	22%					
Environment conservation Hazardous materials Safety Standard Standard Standard						
Minimum selective 3items or more 3 items						
requirement Names of Landau Manager Names of Landau Ma						
(3) Recommendation Names of requirement Summary of effects on environmental burden recommendation	duction					
Energy saving, Servo hydraulic Equipped with a servo hydraulic hybrid mech	anism					
	on the main axes to save energy (reduce power					
	consumption)					
t of environment Electric servo Electric servo drive reduces rising temperatur info., drive mechanism oil, saving resources (reducing oil volume)	Electric servo drive reduces rising temperature of					
wibration/noise						
emission device Secure operator safety by laser type safety d	evice					
En information information management Prevent troubles by collecting operation information						
Minimum recommendation requirement 3 items or more 4 items						

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

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Certification number		MF-B004(2/3) Hydraulic Servo Press Brake		Product scope	HG series (2/2)			
Registered company		AMADA CO.LTD.		Certified Product	HG1703/1704/2203/2204			
Criteria-based product(production)		FBDⅢ1503NT/1504NT/2003NT/2004NT(2003年10月)					0月)	
Requirements & environment factors		Evaluation item	Criteria	Evalua	Evaluation result and/or remarks			
(1) Essent	tial requirement			HG1703 vs FBDⅢ 1503NT	HG1704 vs FBDⅢ 1504NT	HG2203 vs FBDⅢ 2003NT	HG2204 vs FBDⅢ 2004NT	
Energy	Energy	Reduction ratio	15% or more	66%	69%	71%	72%	
saving	consumption	Reduction ratio	reduced	based on JFMA criteria				
(2) Selective requirement				HG5020	HG8025	HG1003	HG1303	
				64%	67%	70%	70%	
Energy saving	Energy consumption	Reduction ratio	15% 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.	24%	24%	12%	12%	
Environment conservation	Hazardous materials	Safety Standard	Applied standard		C)		
Minimum selective 3items or requirement			more	3 items				
(3) Recommendation requirement Energy saving, durability, long life, display/managemen t of environment info., vibration/noise, emission (atmosphere, soil)		Electric servo drive mechanism Laser type safety device	Summary of effects on environmental burden reduction Equipped with a servo hydraulic hybrid mechanism on the main axes to save energy (reduce power consumption) Electric servo drive reduces rising temperature of oil, saving resources (reducing oil volume) Secure operator safety by laser type safety device					
En	·	Operation information management	Prevent troub information	les by coll	ecting ope	eration		
_	recommendation quirement	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-B004(3/3) Hydraulic Servo Press Brake		Product scope	HRB series			
Registered company		AMADA CO.LTD.		Certified Product	HRB5020/8025/1003/2204			
Criteria-based product(production)		HM5020/8025/1003(2017年8月)/1303						
			ī	1				
Requirements & environment factors		Evaluation item	Criteria	Evaluation result and/or remarks				
(1) Essential requirement				HRB5020 vs HM5020	HRB8025 vs HM8025	HRB100 3 vs HM1003	HRB220 4 vs HM2204	
	nergy	Reduction ratio	15% or more	60%	62%	57%	58%	
saving cons	consumption	Reduction ratio	reduced	based on JFMA criteria				
(2) Selective requirement				HRB5020	HRB8025	HRB1003	HRB2204	
				73%	73%	73%	73%	
	Energy consumption	Reduction ratio	15% or more reduced	The reduction of power consumption per unit is applied at the time of loaded operations per JFMA criteria.				
Resource saving Oper	ating oil	Total consumption	10% or more reduced.	46%	44%	33%	22%	
	ardous terials	Safety Standard	Applied standard	0				
Conservation materials Gallety Stands		3items or	more	3 items				
(3) Recommend		Names of	1	•				
requirement		equipped	Summary of effects on environmental burder			al burden	reduction	
Energy saving,		Servo hydraulic	Equipped with a servo hydraulic hybrid mecl				chanism	
		type hybrid	on the main axes to save energy (reduce power					
		mechanism	consumption)					
		Electric servo	Electric servo drive reduces rising temperature of					
info.,		drive mechanism	• .					
vibration/noise, emission		Laser type safety device	Secure operator safety by laser type safety device					
(atmosphe	ŕ	Operation information management	Prevent troubles by collecting operation information					
Minimum recommendation requirement 3 items or more 4 items								