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

Revised:Dec. 14, 2023								
Certification number & Registered product		MF-B003(1/4) Punch Press Machine		Product scope	EM-ZR Series			
Registered company		AMADA CO. LTD.		Certified product	EM3612ZRBe/ZRTe EM3510ZRBe/ZRTe			
Production of criteria-base product		June, 2011		Criteria-base product	EMZ3610/3510NT			
Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks		3		
(1) Esse	(1) Essential requirement			EM3612ZRBe vs EMZ3610NT				
Energy	Energy	Reduction ratio	20% or more reduced	39%		%		
saving	consumption			bas	sed on JFMA criteria			
(2) Selec	tive requiremen	nt						
	Safety	Safety standard JFMA criteria			0			
Environment conservation	Hazardous materials			0				
	EMC	Applicable regulation		0				
Minimum selective requirement		3 items or more		3 items				
` '	ommendation Juirement	Names of equipped	Summary of	effects on en	vironmental burden red	uction		
dura	gy saving, bility, long life,	Cooling Fan	Of the fan it operates only at the time of the differential temperature in the temperature rise test.					
to to a	isplay/management f environment info., ibration/noise, mission atmosphere, soil)	MPT Tapping Unit	The productivity improvement by high-speed tap processing realization					
့် emis		The clamping processing change of 5x10' workpiece	The punching tact-time improvement by the clamping processing change of 5x10' workpiece.					
	•	Idling stop	Reduce standby power by cutting off the power inside the control panel during idling stop.					
		Adopts the latest NC	Improved operability and enable to machine condition monitoring					
Minimum recommendation requirement		3 items or more	5 items					

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

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

(Sheet Metal Forming Machines)					Revised:Jun. 2	2, 2023
	cation number stered product	MF-B003 Punch Press		Product scope	EMZ/EMK Serie	es
Registered company		AMADA CO. LTD.		Certified product	EMZ3612/3510M2e EMK3612/3510M2e	
	n of criteria-base product	June, 2	011	Criteria-base product	EMZ3610/3510N	
	uirements & nment factors	Evaluation item	Criteria	Evalua	tion result and/or remarks	
(1) Esser	ntial requiremer	nt		EMZ3	510M2e vs EMZ3510NT	
Energy	Energy	T Reduction ratio 1	20% or more		36%	%
saving	consumption		reduced	bas	ed on JFMA criteria	
(2) Selec	tive requiremer	nt				
	Safety	Safety standard		0		
Environment conservation	Hazardous materials	ergy amption Reduction ratio 20% or not reduction ratio 20% or not reduction ratio 20% or not reduction reduction reduction reduction reduction reduction 20% or not reduction r	teria	0		
	EMC	Applicable re	gulation		0	
	um selective uirement	3 items or more		3 items		
`´ red	ommendation uirement	Names of equipped	Summary of effects on environmental burden reduction			
tactor dural	gy saving, bility, long life,	Idling stop	Reduce standby power by cutting off the power inside the control panel during idling stop.			he
Energy saving, durability, long life, display/management of environment info., vibration/noise, emission		AMNC4ie	Identify workers and switch to screens that match their skills			
		Eco Machine	Display of CO2 emission			
Minimum recommendation requirement		3 items or more	3 items			

Remarks:

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

(011	eet Metal I Olli	<u>ling Machines)</u>				
Certification number & Registered product		MF-B003(3/4) Punch Press Machine		Product scope	EM-M2 Series	
Registered company		AMADA CO. LTD.		Certified product	EMZ3612M2 EMZ3510M2	
Production of criteria-base product		June, 2011		Criteria-base product	EMZ3510NT	
	uirements & nment factors	Evaluation item	Criteria	Evaluation result and/or remarks		
(1) Esser	ntial requiremen	nt		EMZ	3612M2 vs EMZ3510NT	
Energy	Energy	Reduction ratio	20% or more		31%	
saving	consumption		reduced	bas	based on JFMA criteria	
(2) Selec	tive requiremer	nt				
	Safety	Safety standard		0		
Environment conservation	Hazardous materials	JFMA cri	teria	0		
	EMC	Applicable re	gulation	0		
	ım selective uirement	3 items or more		3 items		
) req	ommendation uirement	Names of equipped	Summary of effects on environmental burden reducti			uction
tacto dural	gy saving, bility, long life,	Cooling Fan	Of the fan it operates only at the time of the differential temperature in the temperature rise test.			
Energy saving, durability, long life, display/management of environment info., vibration/noise, emission		MPT Tapping Unit	The productivity improvement by high-speed tap processin realization			
vibra emis	tion/noise, sion	noise, The workclamp A tact-time in processing 3000 mm sli		abridged by the workclamp processing by the e.		
Minimum recommendation requirement		3 items or more	3 items			

Remarks:

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

Register:Dec 3, 2019 Register:Dec 15, 2022

Register					register.Dec 1	0, ZUZZ
Certification number & Registered product		MF-B003(4/4) Punch Press Machine		Product scope	EM-ZR Series	
Registered company		AMADA CO. LTD.		Certified product	EM3612ZR EM3510ZR	
Production of criteria-base product		June, 2011		Criteria-base product	EMZ3610NT	
	uirements & nment factors	Evaluation item	Criteria	Evaluation result and/or rema		3
(1) Essential requirement EMZ3612			612M2 vs EMZ3510NT			
Energy	Energy	T Reduction failo T	20% or more reduced	37%		%
saving	consumption			based on JFMA criteria		
(2) Selec	(2) Selective requirement					
	Safety	Safety standard		0		
Environment conservation		JFMA criteria		0		
	EMC	Applicable regulation		0		
	um selective quirement	3 items or	more		3 items	
` '	ommendation quirement	Names of equipped	Summary of effects on environmental burden reducti			
	rgy saving, bility, long life,	Cooling Fan	Of the fan it operates only at the time of the differential temperature in the temperature rise test.			
displ	lay/management nvironment info.,	MPT Tapping Unit	The productivity improvement by high-speed tap processing realization			
\circ	ation/noise, ssion	The workclamp processing	A tact-time is abridged by the workclamp processing by the 3000 mm slide.			the
ய் (atm	osphere, soil)	'Die Lifting Station	A tact-time is abridged to the Floating Brush Table.			
Minimum recommendation requirement		3 items or more	4 items			