MF Eco machine Certification System Registry （Press Machines）

Certification number & Registered product	MF-P023 Mechanical servo press		Product scope	SDE-l3 GORIKI Series	
Registered company	AMADA PRESS SYSTEM CO., LTD.		Certified product	SDE1515l3、SDE2017l3、SDE3020l3	
Criteria-base product (Production)	TPL150/200/300 (Aug, 2001/Dec, 2008/Oct, —)				

Requirements & environment factors		Evaluation item	Criteria	Evaluation result and/or remarks		
(1) Essential requirement				SDE1515l3 vsTPL150	SDE2017l3 vsTPL200	SDE3020l3 vsTPL300
Energy saving	Energy consumption	Reduction ratio	15% or more reduced	**50%**	**40%**	**38%**
				based on JFMA criteria		
(2) Selective requirement				SDE1515l3 vsTPL150	SDE2017l3 vsTPL200	SDE3020l3 vsTPL300
Energy saving	Energy consumption	Rediction ratio	15% or more reduced	**52%**	**46%**	**41%**
				Certified product adopted the swing motion of 90°to 270°. For other conditions, reduction of power consumption per unit is applied at the time of loading, based on JFMA criteria.		
Resources saving	Air	Total consumption	10% or more reduced	**X**		
	Operationg oil	Consumption volume	10% or more reduced	**X**		
Environment conservation	Hazardous materials	JFMA criteria		**X**		
Minimum selective requirement		3 items or more		**4 items**		
(3) Recommendation requirement		Names of equipped	Summary of effects on environmental burden reduction			
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	energy saving circuitry	When the machine is not operating or operational instructions are not given for a certain set time, indicator and motor automatically shut off.			
		light beam safety equipment（retro）	Operator's safety is secured thanks to the light beam security equipment.			
		maintenance counter	Wear and tear replacement time is indicated at the time of oil replacemnt and periodical check-up time.			
Minimum recommendation requirement		3 items or more	**3 items**			

Remarks:

(1) Revised on September 15, 2020: Model name changed