

MF Eco machine Certification System Registry (Press Machines)

Register: June 5, 2009  
 Revised: December 11, 2012  
 Revised: December 1, 2015  
 Revised: December 4, 2018  
 Revised: September 15, 2020  
 Revised: DEC 10, 2021

Certification number & Registered product		<b>MF-P008</b> Mechanical servo press		Product scope	<b>SDEW-I3 Series</b>	
Registered company		AMADA PRESS SYSTEM CO., LTD.		Certified product	SDEW2025I3, SDEW3025I3	
Criteria-base product (Production)		TPWL200 (Jan., 2009)/TPWL300 (Jan., 2009)				
Requirements & environment factors		Evaluation item	Criteria	Evaluation result and/or remarks		
(1) Essential requirement				SDEW2025I3 vs TPWL200	SDEW3025I3 vs TPWL300	
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	<b>22%</b>	<b>27%</b>	
based on JFMA criteria						
(2) Selective requirement				SDEW2025I3 vs TPWL200	SDEW3025I3 vs TPWL300	
Energy saving	Energy consumption	Reduction ratio	20% or more reduced	<b>55%</b>	<b>64%</b>	
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.						
Resouces saving	Air	Total consumption	10% or more reduced.	<b>X</b>		
	Lubricating oil	Consumption volume	10% or more reduced.	<b>X</b>		
Environment conservatio	Hazardous materials	based on JFMA		<b>X</b>		
Minimum selective requirement		3 items or more		<b>4 items</b>		
(3) Recommended requirement		Names of equipped devices/functions	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 equipement	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		<b>3 items</b>		

Remarks:

- (1) Revised on December 1, 2015: Change of Loading, contenious to interbal
- (2) Revised on September 15, 2020: Model name changed