

MF Eco machine Certification System Registry (Press Machines)

Register : April 1, 2009  
Revised: June 5, 2009

Certification number & Registered product		MF-P001 Mechanical servo press		Product scope	SDE Series SDE8018, SDE1522, SDE2025, SDE3030			
Registered company		AMADA CO., LTD.		Certified product	SDE8018/1522/3030			
Criteria-base product (Production)		TPL80/150/300 (Feb, 2009/Apr, 2009/ Feb, 2009)						
Requirements & environment factors		Evaluation item	Criteria	Evaluation result and/or remarks				
(1) Essential requirement				SDE8018 vsTPL80	SDE1522 vsTPL150	SDE3030 vsTPL300	Others	
Energy saving	Energy consumption	Reduction ratio	10% or more reduced	<b>45%</b>	<b>32%</b>	<b>35%</b>	(At the time of renewal )	
				based on JFMA criteria				
(2) Selective requirement				SDE8018 vsTPL80	SDE1522 vsTPL150	SDE3030 vsTPL300	Others	
Energy saving	Energy consumption	Rediction ratio	10% or more reduced	<b>63%</b>	<b>52%</b>	<b>56%</b>	(At the time of renewal )	
				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	<b>X</b>				
	Operating oil	Consumption volume	10% or more reduced	<b>X</b>				
Environment protection	Hazardous materials	JFMA criteria		<b>X</b>				
Minimum selective requirement		3 items or more		<b>4 items</b>				
(3) Recommendation 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 equipment	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 June 5, 2009: addition of 3 items (SDE1522, 2025, 3030)