

MF Eco machine Certification System Registry (Press Machines)

Register : JUNE 4, 2019

Revised : June 30,2022

Criteria revised : June 21,2024

Certification number & Registered product		MF-P023 Mechanical servo press		Product scope	SDE-I3 GORIKI Series		
Registered company		AMADA PRESS SYSTEM CO., LTD.		Certified product	SDE1515I3、SDE2017I3、SDE3020I3		
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				SDE1515I3 vsTPL150	SDE2017I3 vsTPL200	SDE3020I3 vsTPL300	
Energy saving	Energy consumption	Reduction ratio	25% or more reduced	50%	40%	38%	
based on JFMA criteria							
(2) Selective requirement				SDE1515I3 vsTPL150	SDE2017I3 vsTPL200	SDE3020I3 vsTPL300	
Energy saving	Energy consumption	Rediction ratio	25% 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			
	Operating 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 replacement and periodical check-up time.				
Minimum recommendation requirement		3 items or more		3 items			

Remarks:

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