Registered: Sep. 15, 2020

MF Eco Machine Certification System Registry (Press Machine) Revised: Dec. 14, 2023

Certified registration no. & registered product name	MF-P025 Servo direct controlled hydraulic press	Product scope	Servo direct controlled hydraulic press
Registered name of corporation	Kurimoto Ltd.	Certified model	HR4-10SP
Production time of reference model	March, 2013	Reference model	HT-10

Requirements and environment factors		Evaluation items	Evaluation criteria	Evaluation results and/or remarks
(1) Essential requirement				
Energy saving	Energy consumption	Reduction ratio	Reduce more than 20%	**67%**
				Based on JFMA standard
(2) Selective requirement				
Energy saving	Energy consumption	Reduction ratio	Reduce more than 20%	**50%**
				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 standard.
Resource saving	Setting area	Reduction ratio	Reduce more than 10%	○
	Compactification	Number of component	Reduce more than 10%	○
Minimum selective requirement		More than 3 items		**3 items**

(3) Recommended requirement		Name of function/device	Summary of environmental load reduction
Environmental factor	Energy saving, durability, long life, displaying / controlling environment info., vibration/noise and emission (air/soil)	Valveless control	Increase the hydraulic efficiency by servo direct control
		Regenerating control	Reduce the hydraulic heating by servo direct control
		Minimum rotation control	Reduce the pressure holding energy by servo direct control
Minimum requirement 3 items or more			**3 items**

Note: