MF Eco Machine Certification System Registry (Press Machine)

Registered: June 15, 2010
Revised: December 11, 2012
Revised: December 1, 2015

Certified registration no. & registered product name	MF-P019 Mechanical Servo Press	Product scope	Direct Servo Former DSF-N1-3000
Registered name of corporation	Aida Engineering Ltd.	Certified model	DSF-N1-3000
Production time of reference model	November, 2008	Reference model	S1-3000E

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 15%	**46%** Based on JFMA standard
(2) Selective requirement				
Energy saving	Energy consumption	Reduction ratio	Reduce more than 15%	**60%** Applied 90°- 270°pendlum motion to the certified model, the other conditions are to measure reductions of power consumption per unit based on JFMA standard at the time of loaded operation.
Resource saving	No. of air / hydraulic parts	Amount of use	Reduce more than 10%	**X**
	Total air consumption	Amount of use	Reduce more than 10%	**X**
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)	Capacitor bank system	Reduction of power supply capacity, retrieve regenerated power in full for reuse
		Energy saving timer	Eletronic charging control stops automatically after elapsing stand-by time for 15 minutes
		Mechanical brake	Reduction of power consumption and noise, ensuring safety and risk reduction
Minimum requirement		3 items or more	**3 items**

Note:

(1) Model name was changed from DSF-C1-300 to DSF-N1-3000 on December 11, 2012.