

Certified registration no. & registered product name		MF-P010 Mechanical Servo Press		Product scope	Digital Servo Press FSP1-1500
Registered name of corporation		Fuji Steel Co., Ltd.		Cerified model	FSP1-1500
Production time of reference model		February, 2008		Reference model	Equivalent models of others
Requirements and environmental factors		Evaluation items	Evaluation criteria	Evaluation result and/or remarks	
(1) Essential requirement					
Energy saving	Energy consumption	Reduction ratio	Reduce more than 10%	26%	
				Based on JFMA standard	
(2) Selective requirement					
Energy saving	Energy consumption	Loaded power consumption	Reduce more than 10%	51%	
				Applied 90°-270°pendulum 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 loading operation.	
Resource saving	Air	Total air consumption	Reduce more than 10%	X	
Environment conservation	Vibration/noise	Loaded vibration	Reduce more than 3dB	X	
Minimum selective requirement		3 items or more		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)	Anti-vibration device	Reduction of vibration/noise		
		Dynamic balance	No air consumption and longer life of actuator		
		Safety circuit	Double protection systems with mechanical and electro-magnetic brakes		
		Over-run monitoring device	Servo motor (inclusive encoder) constantly monitors crank angle		
		Photoelectric safety device	Ensuring operator security		
		Energy regeneration function	Feed back regenerated energy to power supply from reduced slide speed or at the time of stop mode		
		Constant amount circulation type of gib oil supply	Using both constant distribution bulb and lubricating oil circulation for slide gib lubrication		
Minimum requirement		3 items or more		7 items	