

Certification number & registered product		MF2-B009 Laser Punching Press		Product scope	MF-HL series
Registered company		MURATA MACHINERY Ltd.		Certified model	MF3048HL, MF30510HL
The lauched date of reference product		Sep. 2011		Reference model	M2048HL
Requirement & environment factors		Evaluation item	Criteria	Evaluation results and score	
(1) Essential requirement				MF3048HL vs M2048HL	MF30510HL vs M2048HL
Energy saving	Energy consumption	Reduction ratio	40% or more reduction	<b>82%</b>	<b>80%</b>
				Based on JFMA standard	
(2) Selective requirement				MF3048HL vs M2048HL	MF30510HL vs M2048HL
Energy saving	Energy consumption per each product	Reduction ratio	40% or more reduction	<b>82%</b>	<b>80%</b>
				Based on JFMA standard	
Resource saving	Compactification	height	10% or more reduction	<b>X</b>	
	Gas consumption	Gas consumption		<b>X</b>	
Minimum selective requirement		3 items or more		<b>3 items</b>	
(3) Recommended requirement		Names of function and device	Summary of environmental load reduction		
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	LCD display	Reduction of power consumption		
		Auto Power Off	Reduction of power consumption		
		Electric driven servo drive	Reduction of power consumption		
		Power regeneration	Reduction of power consumption		
Minimum recommended requirement		3 items or more		<b>4 items</b>	