

Certified registration no. & registered product name		MF-P021 Hydraulic Press		Product scope	Fine Blanking Press FBIN Series
Registered name of corporation		Mori Iron Works Co., Ltd.		Certified model	FBIN650-FDB
Production time of reference model		Nov., 2013		Reference model	FB650-FDEBH
Requirements and environment factors		Evaluation items	Evaluation criteria	Evaluation results and/or remarks	
<b>(1) Essential requirement</b>					
Energy saving	Energy consumption	Reduction ratio	Reduce more than 20%	<b>28%</b>	
				Based on JFMA standard	
<b>(2) Selective requirement</b>					
Energy saving	Energy consumption	Reduction ratio	Reduce more than 20%	<b>32%</b>	
Resource saving	Vibration/noise	Vibration on loaded operation	3% or more reduction	<b>X</b>	
Environment conservation	Safety	Safety standard	Applicable set standard	<b>X</b>	
Minimum selective requirement		More than 3 items		<b>3 items</b>	
<b>(3) Recommended requirement</b>		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)	Inverter motor	Prevention of oil degradation from avoiding excessive heat in changing motor rotation speed according to load		
		Off-line filter	Prevention of oil degradation by adding the off-line filter in cooler line		
		Maintenance	Improvement in maintenance time by changing the pump suction filter to external type		
Minimum requirement		3 items or more		<b>3 items</b>	