

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	
(1) Essential requirement				
Energy saving	Energy consumption	Reduction ratio	Reduce more than 15%	28%
				Based on JFMA standard
(2) Selective requirement				
Energy saving	Energy consumption	Reduction ratio	Reduce more than 15%	32%
Resource saving	Vibration/noise	Vibration on loaded operation	3% or more reduction	X
Environment conservation	Safety	Safety standard	Applicable set standard	X
Minimum selective requirement		More than 3 items		3 items
(3) Recommended requirement				
Environmental factor		Name of function/device	Summary of environmental load reduction	
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		3 items