

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 25%	28%	
				Based on JFMA standard	
(2) Selective requirement					
Energy saving	Energy consumption	Reduction ratio	Reduce more than 25%	26%	
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		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		
		The durability of hydraulic equipment	The durability of hydraulic equipment is improved by adopting a hydraulic circuit that prevents deterioration of hydraulic oil.		
		Maintenance	Improvement in maintenance time by changing the pump suction filter to external type		
Minimum requirement		3 items or more		4 items	