

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
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(1) Essential requirement			
Energy saving	Energy consumption	Reduction ratio	Reduce more than 15%
			<b>28%</b>
			Based on JFMA standard

(2) Selective requirement			
Energy saving	Energy consumption	Reduction ratio	Reduce more than 15%
			<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>

(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
		Maintenance	Improvement in maintenance time by changing the pump suction filter to external type
Minimum requirement		3 items or more	<b>3 items</b>