MF Eco machine Certification System Registry (Fabricating Machine)

Registered: March 12, 2013
Revised: December 1, 2015

Certification number	MF-B017	Product scope	Hybrid Clinching Machine Kashimaru DUO
Registered company	FABACE Co. LTD	Certified Product	FCP-50i
Criteria-based product(production)	FCP-5000（February 2002）		

Requirements & environment factors		Evaluation item	Criteria	Evaluation result and/or remarks
(1) Essential requirement				FCP-50i vs FCP-5000
Energy saving	Energy consumption	Reduction ratio	15% or more reduced	**87%**
				based on JFMA criteria
(2) Selective requirement				FCP-50i vs FCP-5000
Energy saving	Energy consumption	Reduction ratio	15% or more reduced	**80%**
				The reduction of power consumption per unit is applied at the time of loaded operations per JFMA criteria.
Resource saving	Operating oil	Consumption volume	10% or more reduced.	**X**
Environment conservation	Noise	Noise Level when loaded	3dB or more lowered	**X**
Minimum selective requirement		3items or more		**3 items**

(3) Recommendation requirement		Names of equipped devices/functions	Summary of effects on environmental burden reduction
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Servo motor hybrid design	Reduction of power consumption.
		Less Oil Consumption	Reduction of oil with hybrid design.
		LCD indicator	Reduction of power consumption and ease of operation.
		Low Noise	Reduction of noise and improvement in work enviroment.
		Processing Monitor	Reduction of defective products with process monitoring, leads to the resources saving.
Minimum recommendation requirement		3 items or more	**5 items**