Registered: March 12, 2013 Revised: December 1, 2015 Revised: JUNE 4, 2019 Revised: JUNE 30, 2022

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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 20		002)	
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	20% or more reduced		87%
				based on JFMA criteria	
(2) Selective requirement				FCP-50i vs FCP-5000	
Energy saving	Energy consumption	Reduction ratio	20% or more reduced		80%
				The reduction of power consumption per unit is applied at the time of loaded operations per JFMA criteria.	
ource ving	Operating oil	Consumption volume	10% or more reduced.		Х
onment ervation	Noise	Noise Level when loaded	3dB or more lowered	х	
Minimum selective requirement		3items or more		3 items	
(3) Recommendation requirement		Names of equipped devices/functions	Summary	Summary of effects on environmental burden reduction	
Energy saving, durability, long life, display/managemen		Servo motor hybrid design	Reduction of power consumption.		
t of en	on/noise,	Less Oil Consumption	Reduction of oil with hybrid design.		
emissi		LCD indicator	Reduction of power consumption and ease of operation.		
•	,	Low Noise	Reduction of noise and improvement in work enviroment.		
En		Processing Monitor	Reduction of defective products with process monitoring, leads to the resources saving.		
Minimum recommendation requirement		3 items or more	5 items		
	gisteree Criteria oduct(p Require nvironm ssentia ergy ving elective ergy ving niment ervation nimum requi display t of en info., vibratic emissi (atmos	number gistered company Criteria-based oduct(production) Requirements & nvironment factors ssential requirement ergy Energy consumption elective requirement Pergy Energy consumption Pergy Consumption Pergy Consumption Noise oil Informant Noise nimum selective requirement Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	number gistered company Criteria-based oduct(production) Requirements & Evaluation item Ergy consumption Elective requirement Programment Noise Information Prograting oil Information Prograting oil Information Prograting oil Information Prograting oil Information Reduction ratio Consumption volume Information Information Information Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil) Enum recommendation Information Information	gistered company FABACE Co. LTD Griteria-based oduct(production) Requirements & nvironment factors Evaluation item For y consumption Fromment ving oil For yource oil For yource oil For yource on yource requirement For yource on yource oil For yource on yource oil For yource on yource oil For yource oil	gistered company FABACE Co. LTD Certified Product Criteria-based oduct(production) Requirements & nvironment factors Sesential requirement Energy Energy consumption Reduction ratio Reduction of power consumption Reduction of power consumption Reduction of noise and imparts of the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation Reduction of defective proleads to the resources saven mum recommendation