

Certification number	MF-B019		Product scope	Fiber Laser Cutting System KFL Sriease
Registered company	Komatsu Industries Corp.		Certified Product	KFL2048, KFL2051
Criteria-based product(production)	TLZ-408F20F-PC (May 2007)			
Requirements & environment factors	Evaluation item	Criteria	Evaluation result and/or remarks	
(1) Essential requirement			KFL2051 vs TLZ-408F20F-PC	
Energy saving	Energy consumption	Reduction ratio	15% or more reduced	77%
				based on JFMA criteria
(2) Selective requirement			KFL2051 vs TLZ-408F20F-PC	
Energy saving	Energy consumption	Reduction ratio	15% or more reduced	70%
				The reduction of power consumption per unit is applied at the time of loaded operations per JFMA criteria.
Resource saving	Laser	Usage of gas	10% or more reduced.	X
Environment conservation	Safety	Safety Standard	Applied standard	X
Minimum selective requirement		3 items or more		3 items
(3) Recommendation requirement		Names of equipped devices/functions	Summary of effects on environmental burden reduction	
E n v i r o n m e n t	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	LED display	Reduction of power consumption	
		Automatic electricity shut-off	After the automatic operation, automatic shut-off	
		Partition	Laser dispersion is shut out thoroughly	
		Fume/dust collecting system	Environment load reduction	
Minimum recommendation requirement		3 items or more		4 items