

Certified registration no. & registered product name		MF-B007 Plasma Cutting Machine		Product scope	Twister TFP3051-021
Registered name of corporation		Komatsu Industries Corp.		Certified model	TFP3051-021 (Rated output current 150A)
Production time of reference model		September, 2000		Reference model	KPD1251-5 (Rated output current 120A)
Requirements and environmental factors		Evaluation items	Evaluation criteria	Evaluation result and/or remarks	
(1) Essential requirement				TFPL3051 vs KPD1251	
Energy saving	Energy consumption	Reduction ratio	Reduce more than 15%	<b>35%</b>	
				Based on JFMA standard	
(2) Selective requirement				TFPL3051 vs KPD1251	
Energy saving	Energy consumption	Loaded power consumption	Reduce more than 15%	<b>37%</b>	
				Under JFMA standard, reduced power consumption per 1m cut length in loading operation	
Resource saving	Weight saving	Gross weight	Reduce more than 10%	<b>X</b>	
Environment conservation	Safety	Safety standard	Apply set standard	<b>X</b>	
Minimum selective requirement		3 items or more		<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)	Twister gas control	Improvement in life of consumable		
		Push-pull fume/dust collecting system	Environment load reduction, light-weighted cutting machine		
		LCD display control panel	Reduction of power consumption		
		Life manager	Displaying consumable exchange timing		
Minimum requirement		3 items or more		<b>4 items</b>	