

MF Eco machine Certification System Registry (Related equipment)

Register: April 1, 2009

Certification number	MF-K001		Product scope	Transfer equipment RYN120S1S, 120L1S, 120S1G, 120L1G	
Registered company	ORII & MEC CORPORATION		Certified product	RYN120S1S	
Production of criteria-base product	October, 2005		Criteria-base product	RY-120S3S	
Requirements & environment factors	Evaluation item	Criteria	Evaluation result and/or remarks		
(1) Essential requirement					
Energy saving	Energy consumption	Reduction ratio	10% or more reduced	19	%
				based on JFMA criteria	
(2) Selective requirement					
Resources saving	Shrinkage of space/items	Smaller space	10% or more reduced	X	
		Number of main body parts	10% or more reduced	X	
	Lighter weight	Total weight	10% or more reduced	X	
	Air	Total consumption volume	10% or more reduced	X	
		Lubricating oil	Consumption volume	10% or more reduced	X
Minimum selective requirement		3 items or more		5 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 operation	Increase of efficiency		
		Process numbering function	Enabled setting of best suited motion by production material, such as material holding location, material release location, and transfer height, etc.		
		Production counter	Automatic shut off when the counter reaches the pre-set number.		
		Energy saving control	Automatic shut-off after certain length of no input instructions during operating condition, thus enables reduction of power consumption		
Minimum recommendation requirement		2 items or more		4 items	