

Certification number	MF-B001		Product scope	ECO Bender ECO-35T-Type O	
Registered company	OPTON CO., LTD.		Certified product	ECO-35T-TypeO	
Production of criteria-base product	December, 2008		Criteria-base product	MSO-30R	
Requirements & environment factors	Evaluation item	Criteria	Evaluation result and/or remarks		
(1) Essential requirement					
Energy saving	Energy consumption	Reduction ratio	10% or more reduced	66	%
				based on JFMA criteria	
(2) Selective requirement					
Resources saving	Shrinkage of space/items	Smaller space	10% or more reduced	X	
		Number of electrical parts	10% or more reduced	X	
	Lighter weight	Total weight	10% or more reduced	X	
	Operating oil	Consumption volume	10% or more reduced	X	
Environment protection	Noise	Noise level when loaded	3dB or more lowered	X	
Minimum selective requirement		3 items or more		5 items	
(3) Recommendation requirement					
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Names of equipped devices/functions	Summary of effects on environmental burden reduction		
		Servo motor	Energy saving: reduction of 66% of electric power consumption		
		(Hydraulic→motor)	Emission: reduction of 76% of operating oil, enabling longer life of operating oil Environment management: controlling the temperature of workshop at lower level (work environment improvement in summer)		
		Air-cooling equipment	Emission: elimination of water-cooling equipment		
		Compact body	Durability: installed floor space reduction of newly designed body enabled the increase of durability.		
Minimum recommendation requirement		3 items or more		4 items	