

Certification number	MF-B001		Product scope	ECO Bender ECO-35T-Type 0	
Registered company	OPTON CO., LTD.		Certified product	ECO-35T-Type 0	
Production of criteria-base product	December, 2008		Criteria-base product	MSO – 30R	
Requirements & environment factors	Evaluation item	Criteria	Evaluation result and/or remarks		
<b>(1) Essential requirement</b>					
Energy saving	Energy consumption	Reduction ratio	15% or more reduced	<b>66</b>	%
				based on JFMA criteria	
<b>(2) Selective requirement</b>					
Resources saving	Shrinkage of space/items	Smaller space	10% or more reduced	<b>X</b>	
		Number of electrical parts	10% or more reduced	<b>X</b>	
	Lighter weight	Total weight	10% or more reduced	<b>X</b>	
	Operating oil	Consumption volume	10% or more reduced	<b>X</b>	
Environment conservation	Noise	Noise level when loaded	3dB or more lowered	<b>X</b>	
Minimum selective requirement		3 items or more		<b>5 items</b>	
<b>(3) Recommendation requirement</b>					
Environment factor		Names of equipped	Summary of effects on environmental burden reduction		
Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	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		<b>4 items</b>	