MF Eco Machine Certification System Registry (Press Machine)

Certified registration no. & registered product name	MF-P022 Mechanical Servo Press	Product scope	PROFORMA SF Series	
Registered name of corporation	TS Precision Co., Ltd.	Certified model	SF-M150-25 , SF-L250-35	
Criteria-base product (Production)	IF-60 (Sept., 2010) / IF-80(April , 2012)			

Requirements and environment factors		Evaluation items	Evaluation criteria	Evaluation results and/or remarks	
(1) Essential requirement				SF-M150-25	SF-L50-35
Energy saving	Energy consumption	Reduction ratio	Reduce more than 25%	**33%**	**29%**
				Based on JFMA standard	
(2) Selective requirement					
Resource saving	Compactification	Number of component	10% or more reduction	**X**	
	Weight	Total weight	10% or more reduction	**X**	
Environment conservation	Operating oil	Amount of use	10% or more reduction	**X**	
Minimum selective requirement		More than 3 items		**3 items**	

(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)	Energy saving mode	Automatic shut-off timer setting of power supplied to lighting, cooling fan and servo motor		
		Die protection	Mechanical stop and maximum pressure force setting function of each axle		
		Load monitor	Accumulated and real time display of pressure force condition		
		Preventive maintenance alarm	After detecting battery voltage reduction, shwing alarm on control display		
		Maintenance counter device	Three different pre-set counters are equipped for easier finding the maintenance interval		
Minimum requirement		3 items or more	**5 items**		

Remarks:

(1)Revised on December 3,2019: Model name change

(2)Revised on May 21,2024: measured the Energy comsumption of SF-L250-35 because of changing the servo motor an