

MF Eco Machine Certification System Registry  
(Press Machine)

Registered Date: Jul. 2, 2009  
Revised: Dec. 11, 2012

Revised: Dec. 1, 2015

Revised: Dec. 4, 2018

Revised: Dec. 10, 2021

Criteria revised: Jun. 21, 2024

Certified registration no. & registered product name		<b>MF-P009 Ball Screw Servo Press</b>		Product scope	<b>Screw Servo Press SBP305AS</b>
Registered name of corporation		Japan Automatic Machine Co., Ltd.		Certified model	<b>SBP305AS</b>
Production time of reference model		<b>May, 2009</b>		Reference model	<b>HYP305H</b>
Requirements and environmental factors		Evaluation items	Evaluation criteria	Evaluation result and/or remarks	
<b>(1) Essential requirement</b>					
Energy saving	Energy consumption	Reduction ratio	Reduce more than 25%	<b>45%</b>	
				Based on JFMA standard	
<b>(2) Selective requirement</b>					
Energy saving	Energy consumption	Loaded power consumption	Reduce more than 25%	<b>27%</b>	
				Reduction amount in power consumption per unit when loading operation under JFMA standard	
Resource saving	Compactification	No. of air/hydraulic parts	Reduce more than 10%	<b>X</b>	
	Operating oil	Amount of use	Reduce more than 10%	<b>X</b>	
Minimum selective requirement		3 items or more		<b>3 items</b>	
<b>(3) Recommended requirement</b>		Name of function/equipment	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	Back-light in touch panel goes off after elapsing a set period of time		
		Load monitoring	Reduction of power consumption by press protection and load monitoring functions		
		Ball screw	Changing from hydraulic to mechanical type, there is no hydraulic parts and operating oil (resource saving)		
		Maintenance counter	Remotely controlled maintenance		
Minimum requirement		3 items or more		<b>4 items</b>	