

MF Eco machine Certification System Registry (Press Machine)

Registered: September 8, 2009

Revised: December 11, 2012

Revised: December 1, 2015

Revised: December 4, 2018

Revised: December 10, 2021

Criteria revised: June 21, 2024

Revised: December 6, 2024

Certification number & registered product		MF-P017 Hydraulic Press		Product scope	Eco Hydraulic High Speed Press HYP505HEP, HYP1000EP
Registered company		JAPAN AUTOMATIC MACHINE CO.,LTD		Certified model	HYP505HEP, HYP1000EP
Reference product & production time		HYP505H (April, 2009), HYP1000 (October, 2010)			
Requirement & environment factors		Evaluation item	Criteria	Evaluation results and score	
(1) Essential requirement				HYP505HEP vs HYP505H	HYP1000EP vs HYP1000
Energy saving	Energy consumption	Reduction ratio	25% or more reduction	25%	32%
				Based on JFMA standard	
(2) Selective requirement				HYP505HEP vs HYP505H	HYP1000EP vs HYP1000
Resource saving	Operating oil	Amount of use	10% or more reduction	X	X
Environment conservation	Vibration/noise	Vibration on loaded operation	3dB or more reduction	X	X
	Hazardous material	Japanese law/regulation, etc.	JFMA standard	X	X
Minimum selective requirement		3 items or more		3 items	
(3) Recommended requirement		Names of function and device	Summary of environmental load reduction		
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Energy saving mode	Stop motor of hydraulic motor pump at top dead center with inverter control		
		Energy saving circuit	Operation reserve goes off after elapsing a set period of time		
		Maintenance counter	Indicate replacement timing of operating oil and packing		
		Failure display	Display welding of drop-off relay and SOL failure		
Minimum recommended requirement		3 items or more		4 items	

Note:

(1) Model name was changed from HYP505HE to HYP505HEN and HYP1000E to HYP1000EN.

(2) Model name was changed from HYP505HEN to HYP505HEP and HYP1000EN to HYP1000EP.