MF Eco machine Certification System Registry (Press Machines)

Certified registration no. & registered product name	MF-B018	Product Scope	Hydraulic Servo Press Brake PVS Series		
Registered name of corporation	Komatsu Industries Corp.	Certified product	PVS8525NET/PVS1353NET/ PVS2253NET/PVS2254NET		
Reference model & Production time	PAS8025NET（July 2010）/ PAS1253NET（July 2006）/PBZ2253NET(Aug 2005)/PBZ2254NET(March 2004)				

Requirements & environment factors		Evaluation item	Evaluation Criteria	Evaluation results and scores			
(1) Essential requirement				PVS8525NET vs PAS8025NET	PVS1353NET vs PAS1253NET	PVS2253NET vsPBZ2253NET	PVS2254NET vsPBZ2254NET
Energy saving	Energy consumption	Reduction ratio	25% or more reduced	**52%**	**44%**	**36%**	**47%**
				based on JFMA criteria			
(2) Selective requirement				PVS8525NET vs PAS8025NET	PVS1353NET vs PAS1253NET	PVS2253NET vsPBZ2253NET	PVS2254NET vsPBZ2254NET
Energy saving	Energy consumption	Reduction ratio	25% or more reduced	**56%**	**45%**	**40%**	**53%**
				based on JFMA criteria			
Resources saving	Lighter weight	Total weight	10% or more reduced	**X**			
	Safety	Safety Standard	Applied standard	**X**			
Minimum selective requirement		3 items or more		**3 items**			

(3) Recommended requirement		Names of equipped devices/functions	Summary of environmental load reduction		
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Servo hydraulic hybrid design	Reduction of power consumption		
		LCD indicator	Reduction of power consumption		
		Ram Monitoring function	work environment safety is enhanced.		
		Extension adjustment	Reduction of defective products lead to the resources saving.		
		double-action foot pedal	work environment safety is enhanced.		
Minimum requirement		3 items or more	**5 items**		

Note:

(1) New soft（pc、man-machine interface contorol）was changed on December 4, 2018.

(2) 1 model (PVS2254NET) was added on December 4, 2018.

(3) 1 model (PVS2253NET) was added on December 10, 2025.