

Certification number & Registered product	<b>MF-B003 Mechanical servo punching press</b>		Product scope	EM Series EMZ3510NT,3610NT, EMK3510NT, 3610NT, EM2510NT	
Registered company	AMADA CO. LTD.		Certified product	EMZ3510NT	
Production of criteria-base product	November, 2000		Criteria-base product	VIPROS358KING	
Requirements & Environment factors	Evaluation item	Criteria	Evaluation result and/or remarks		
(1) Essential requirement			EMZ3510NT vs VIPROS358KING		
Energy saving	Energy consumption	Reduction ratio	10% or more reduced	51%	%
				based on JFMA criteria	
(2) Selective requirement					
Resources saving	Operating oil	Consumption volume	10% or more reduced	X	
Environment protection	Safety	Safety standard		X	
	Hazardous materials	JFMA criteria		X	
Minimum selective requirement		3 items or more		3 items	
(3) Recommendation requirement		Names of equipped devices/functions	Summary of effects on environmental burden reduction		
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Twin Servo drive	Energy saving with electricity, and no operating oil		
		Regeneration capability	Recycling of energy from regeneration capability during braking operations X,Y, T, C axes: electric power regeneration system, A axis: condenser charge system		
		Air blow equipment	Oil mist supply equipment enabled protection of dies/molds from wear and tear, and longer life.		
Minimum recommendation requirement		3 items or more		3 items	

Remarks: (1) Revision of June 5, 2009: Addition of 4 items (EMZ3610NT, EMK3510NT, EMK3610NT, EM2510NT)