

Certification number	MF2-B001 Hydraulic Servo Press Brake		Product scope	HRB series			
Registered company	AMADA CO.LTD.		Certified Product	HRB5020/8025/1003/2204			
Criteria-based product(production)	HM5020/8025/1003(2017年8月)/1303						
Requirements & environment factors		Evaluation item	Criteria	Evaluation result and/or remarks			
(1) Essential requirement				HRB5020 vs HM5020	HRB8025 vs HM8025	HRB1003 vs HM1003	HRB2204 vs HM2204
Energy saving	Energy consumption	Reduction ratio	40% or more reduced	<b>60%</b>	<b>62%</b>	<b>57%</b>	<b>58%</b>
based on JFMA criteria							
(2) Selective requirement				HRB5020	HRB8025	HRB1003	HRB2204
Energy saving	Energy consumption	Reduction ratio	40% or more reduced	<b>73%</b>	<b>73%</b>	<b>73%</b>	<b>73%</b>
				The reduction of power consumption per unit is applied at the time of loaded operations per JFMA criteria.			
Resource saving	Operating oil	Total consumption	10% or more reduced.	<b>46%</b>	<b>44%</b>	<b>33%</b>	<b>22%</b>
Environment conservation	Hazardous materials	Safety Standard	Applied standard	○			
Minimum selective requirement		3 items or more		<b>3 items</b>			
(3) Recommendation requirement		Names of equipped	Summary of effects on environmental burden reduction				
En	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Servo hydraulic type hybrid mechanism	Equipped with a servo hydraulic hybrid mechanism on the main axes to save energy (reduce power consumption)				
		Electric servo drive mechanism	Electric servo drive reduces rising temperature of oil, saving resources (reducing oil volume)				
		Laser type safety device	Secure operator safety by laser type safety device				
		Operation information management	Prevent troubles by collecting operation information				
Minimum recommendation requirement		3 items or more		<b>4 items</b>			