

Registered: September 8, 2009

MF Eco machine Certification System Registry (Fabricating Machine)

Revised: June 15, 2010

Certification number & registered product	MF-B009 Hydraulic Servo Press Brake	Product scope	Hydraulic Servo Press Brake F-125-25, F-185-30
Registered company	MURATA MACHINERY Ltd.	Certified model	F-125-25/185-30
Reference product & production time	April, 2000	Reference model	3P-110-28 (1100kN)

Requirement & environment factors		Evaluation item	Criteria	Evaluation results and score	
(1) Essential requirement			F-125-25 vs 3P-110-25	F-185-30 vs 3P-110-25	
Energy saving	Energy consumption	Reduction ratio	10% or more reduction	35%	32%
				Based on JFMA standard	
(2) Selective requirement			F-125-25 vs 3P-110-25	F-185-30 vs 3P-110-25	
Energy saving	Energy consumption	Loaded power consumption	10% or more reduction	37%	29%
				Power consumption per 1 bending on essential requirement of loaded operation	
Resource saving	Compactification	No. of air hydraulic parts	10% or more reduction	X	
	Operating oil	Amount of use		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/manageme nt of environment info., vibration/noise, emission (atmosphere, soil)	LCD display	Reduction of power consumption		
		Servo hydraulic hybrid design	Reduction of power consumption		
		Electric driven servo drive	Reduction of operating fluid		
		Angle alignment function	Resource saving by reducing failure in forming		
Minimum recommended requirement		3 items or more		4 items	

Note

(1) Content of revision on June 15, 2010: 1 model (F-185-30) was added.