

Registered: June5, 2018

MF Eco machine Certification System Registry (Fabricating Machine)

Revised: June 30, 2021

Revised: June 21, 2024

Certification number & registered product		MF-B020 Hydraulic Press Brake TruBend5000 B23series		Product scope	TruBend 5000 B23 series TruBend 5085, 5130, 5170, 5230		
Registered company		TRUMPF Corporation		Certified model	TruBend 5085/5130/5170/5230		
Reference product & production time		TruBend5000 B03series 5085/5130/5230 (April, 2007/August, 2007/November, 2008)					
Requirement & environment factors		Evaluation item	Criteria	Evaluation results and score			
(1) Essential requirement			TruBend B23 vs B03	5085 vs 5085	5130 vs 5130	5230 vs 5230	Other models
Energy saving	Energy consumption	Reduction ratio	25% or more reduction	85%	90%	92%	at the time of update
				Based on JFMA standard			
(2) Selective requirement							
Resource saving	Operating oil	Amount of use	10% or more reduction	X			
Environment conservation	Safety	Safety regulation	Applicable regulation	X			
	EMC	Electrical interference	Applicable regulation	X			
Minimum selective requirement		3 items or more		3 items			
(3) Recommended requirement		Names of function/device	Summary of environmental load reduction				
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	On demand servo drive	ON automatic only at the time of pressurization in a hydraulic motor.				
		LED work area illumination	Reduction of power consumption				
		Side-guard, rear shutter	Safety of work environment				
		Remote telephone diagnostic	Diagnostic through networking				
		Foot pedal with emergency stop function	Safety of work environment				
Minimum recommended requirement		3 items or more		5 items			