MF Eco Machine Certification System Registry (Press Machines) gistered: December 11, 2012

Revised: March 12, 2013

Revised: December. 2, 2014

Revised: June. 2, 2015

Revised: December 1, 2015

Revised: December 4, 2018

Revised: December	10,	2021
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Certified registration			MF-P007	IF-P007		Product Hybrid AC Servo Press						
no. & registered product name			Mechanical Servo		Scope		H1F35,45,60,80,110-2,150-2,200-2					
Registered name of corporation		ame of	Komatsu Industries Corp.		Certified product		H1F35/45/60/80/110-2/150-2/200-2					
Reference model & Production time			OBS35(-),OBS45 (-),OBS60(-) OBS80 (-), OBS110-2 (-), OBS150 (-), OBS200 (-)									
Requirements & environment factors			Evaluation item	Evaluation criteria	Evaluation result and/or remarks							
(1) Essential requirem			nent	H1F vs OBS	H1F35 vs OBS35	H1F45 vs OBS45	H1F60 vs OBS60	H1F80 vs OBS80	H1F110-2 vs OBS110	H1F150-2 vs OBS150	H1F200- 2 vs OBS200	
	ergy ving	Energy consum	Reduction ratio	Reduce more than	58%		25%	33%	57%	37%	49%	
341	viilg	ption		20%			oased	on JF	MA crite	iteria		
(2) Selective requirement			H1F vs OBS	H1F35 vs OBS35	H1F45 vs OBS45	VS	H1F80 vs OBS80	H1F110-2 vs OBS110	H1F150-2 vs OBS150	H1F200- 2 vs OBS200		
Resources	Compactification	Number of air/ hydraulic parts	10% or more reduced	X	X	X	X	X	X	X		
saving	Air	Total consumption	10% or more reduced	X	X	X	X	X	X	X		
conse	onment ervation	Safety	Safety standard	Applicable set standard	X	X	X	X	X	X	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								
	Energy s		=	Constantly monitors inclination at the time of stop by the brake.								
display/r		nanageme	Powerful mechanical brake	holds brake torque, exceeding the maximum torque of main motor.								
ment	t nt of environment info.,		Small capacity servo motor	Adoption of link mechanism enables smaller capacity of servo motor.								
t Int of enviolation		١	Photoelectric safety device	Equipped as the standard equipment								
ய் (atmosphere, soil)			Elimination of clutches	No wear and tear of lining enables longer life.								
Minim	num requ	uirement	3 items or more				5 ite	ms				

Remarks;

- (1) Revised on March 12, 2013: addition of 2 items (H1F35,60)
- (2) Revised on December 8, 2014: change of 1 items (H1F200-2)