

●Main specifications of press

Press model		HMX-1250	HMX-2000	HMX-3000	HMX-3000W
Capacity (kN)		1250	2000	3000	3000
Tonnage rating point (above B.D.C.) (mm)		3.2	3.2	3.2	3.2
Stroke length (mm)		30	30	30	30
Working energy: Min.-Max. spm (J)		1200/1200	2000/2000	3000/3000	3000/3000
Strokes per minute under no load (spm)		200~800	200~600	160~500	120~410
Micro-inching (spm)		about 60	about 60	about 60	about 60
Die-height, slide to bolster (mm)	Note 1	380~430	400~480	420~520	420~520
Slide adjustment (mm)		40	50	60	50
Slide area (L.R.×F.B.) (mm)		1300×600	1700×650	2000× 750	Note 6 2260 (2300)×1000
Bolster area (L.R.×F.B.) (mm)		1300×850	1700×950	2000×1000	2300×1200
Bolster thickness (mm)	Note 2	160~210	Note 2 180~260	Note 3 200	Note 3 200
Bolster surface height above floor (mm)	Note 4	(1000)	Note 4 (1000)	Note 4 (1000)	Note 4 (1000)
Max. upper die weight (t)		0.5	0.9	1.3	1.5
Side opening (F.B.×height) (mm)		350×380	460×400	560×420	560×420
Bed opening (L.R.×F.B.) (mm)		1100×280	1500×350	1700×400	1800×420
Main motor (kW)		30	45	55	55
Power source (V/Hz)	Note 5	200/50,60	Note 5 200/50,60	Note 5 200/50,60	Note 5 200/50,60
Required air pressure (MPa)		0.5	0.5	0.5	0.5
Applicable feeds	RCF-15F	○	—	—	—
	RCF-25F	○	○	○	○
	RCF-35F	—	○	○	○
Applicable scrap cutter	capacity (kN)	200 or 40	40	40	40
	width (mm)	150 or 250	250 or 350	250 or 350	250 or 350

Note 1: Please select die-height within the range shown above.

Note 2: Bolster thickness is decided by die height.

Note 3: Die height of HMX-3000 and HMX-3000W are set by column base. Bolster thickness is fixed.

Note 4: Bolster surface height is reference value.

Note 5: Power source outside of 200V is acceptable as option.

Note 6: The value in () indicates the area for tool change.

●Main specifications of feed

Feed model no.		RCF-15F	RCF-25F	RCF-35F	V127	V230
Material thickness (mm)		0.3~0.8	0.3~0.8	0.3~0.8	0~3	0~2
Material width (mm)		40~150	50~250	50~350	max. 180	max. 300
Range of feed length (mm)		15~125	17~160	18~225	0~127	18~230
		23~187	26~240	27~337	—	—
		30~250	34~320	36~450	—	—
Feed angle		180° or 240°	180° or 240°	1180° or 240°	165°	180°
Standard feed direction		Left to Right	Left to Right	Left to Right	Left to Right	Left to Right

●Main specifications of scrap cutter

Max. material width (mm)		150	250	250 or 350	350
Capacity (kN)		20	20	40	40
Stroke length (mm)		25	25	25	25
Cutting height (reference) (mm)		170	180	200	220
Cutting point adjustment (mm)		A reference point ±10			Fixed
Cutting height adjustment (mm)		Fixed			±40

● Main specifications of coil line

Uncoiler model	U15-05WH	U25-1WH	U30-2WH	U40-2WH
Coil outside diameter (mm)	1000	1200	1200	1200
Coil inside diameter (mm)	508	508	508	508
Outside diameter of drum (Max / Min) (mm)	470~520	470~520	470~520	470~520
Max, coil weight (weight×number of coils) (kg)	500×2	1000×2	2000×2	2000×2
Max, coil width (mm)	150	250	300	400
Method of drum expansion or shrink	Hydraulic			

Leveler model	MS-150SP	MS-300SP	MS-400SP
Driving motor (kW×4P)	0.75	2.2	2.2
Material thickness (mm)	0.3~0.6	0.3~0.6	0.3~0.6
Material width (mm)	50~150	50~300	50~400
Feeding speed (m/min)	15~60	15~60	15~60
Method to control speed	Inverter control		
Loop control	S-loop		

※In the case that material thickness is 0.5mm or less and material width is less than 50mm, a drum driving motor must be attached to uncoiler, and narrow material flip prevention device to S-loop.

● Major standard equipment

- Stepless speed changer
- Flywheel brake
- Motorized slide adjustment device (digital read-out)
- Reversing starter
- Micro-inching
- Dynamic balancer
- Unsticker
- Crank angle indicator
- Front and back guards
- Oil temperature controller (heater and cooler)
- 4 guide posts
- Plunger guide
- Combined bearing
- Anti vibration mounts
- Independent operation and control box
- Operation stand
- Timing switch
- Misfeed receptacle
- Production counter
- Pre-set counter
- Tool receptacle
- Air receptacle
- Hour meter
- Production data bank system

● Major optional equipment

- Die clamber
- Die lifter
- Roll cam feed
- Roll gripper feed
- Material oiling device
- PTO shaft for index unit
- Presence sensor
- Scrap cutter
- Die light (stand type)
- Air Pressure intensifier
- Electric circuit for lamination self stacking die
- Air circuit for lamination self stacking die
- Stacked slug detector
- Scrap chute
- Coil line
- Press sound enclosure
- Shear welder
- Tool changing device
- Scrap conveyor
- High rigid needle bearing post guide

※The specifications may be changed without notice.

※More attachments are available than those shown above.

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