



## Semi-High Speed Single Knuckle (HK) Capacity(Ton) : 60 ~ 400

- ☛ **HIM** Made in South Korea
- ☛ Wet type Clutch/Brake enables soft and semi-permanent function without noise and dust.
- ☛ Slow touch speed in the work range ensures high productivity and press work minimizing spring back.
- ☛ High rigidity solid frame structure
- ☛ Six gibs ensure large allowable eccentric load high dynamic precision.
- ☛ The high rigidity and precision by eccentric shaft driving.
- ☛ The hydraulic overload protector safeguards dies and reduces die replacement costs.
- ☛ Low voltage DC system for safe operation.

### SPECIFICATION

MODEL ITEM	UNIT	HK-60		HK-80		HK-110			HK-160			HK-200			HK-250			HK-300		HK-400		
		S.T	H.S	S.T	H.S	S.T	H.S	H.S2	S.T	H.S	H.S2	S.T	H.S	H.S2	S.T	H.S	H.S2	S.T	H.S	S.T	H.S	
Capacity	Ton	60		80		110			160			200			250			300		400		
Rated Tonnage Point Above (B.D.C)	mm	3	2	3	2	6	3	3	6	5	3	7	5	4	7	6	5	7		7		
Stroke Length	mm	70	50	70	50	150	80	60	180	100	60	200	110	80	250	120	100	280		300		
No. of Stroke	S.P.M	130	200	110	160	55	100	150	50	80	130	45	70	100	35	60	80	30		30		
Die Height	mm	300		350		400			450			500			550			550		600		
Slide Adjustment	mm	50		50		90			100			100			100			120		120		
Slide Area(LRxFB)	mm	700x360		800x400 (H.S:550x400)		900x520			1000x600			1100x700			1300x730			1400x800		1550x950		
Bolster Area (LRxFB)	mm	750x520		900x600		1000x700			1200x800			1300x850			1400x850			1500x950		1600x1000		
Bolster Thickness	mm	110		130		140			150			170			170			180		200		
Side Opening (WxH)	mm	350x300		400x350		500x450			700x500			950x550			950x600			1000x600		1000x650		
Working Height	mm	850		850		900			900			950			950			1000		1200		
Main Motor	Kw x p	(A.C)	5.5x4	11x6	7.5x4	11x6	11x4	15x4	15x4	11x4	15x4	15x4	18.5x4	18.5x4	22x4	22x4	22x4	30x4	22x4	30x4	A.C) 30x4	A.C) 37x4
		(V.S)	7.5x4	11x6	11x4	11x6	15x4	15x4	15x4	18.5x4	18.5x4	18.5x4	22x4	22x4	22x4	30x4	30x4	30x4	30x4	30x4	30x4	V.S) 37x4
Slide Adjustment	Kw x p	0.4x4		0.75x4		0.75x4			0.75x4			1.5x4			2.2x4			2.2x4		3.7x4		
Air Pressure	Kg/cm <sup>2</sup>	5		5		5			5			5			5			5		5		