



## Semi-High Speed Double Knuckle (HKD) Capacity(Ton) : 200 ~ 800

- **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
- Eight 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	HKD-200			HKD-300			HKD-400			HKD-500			HKD-600		HKD-800
		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	H.S
Capacity	Ton	200			300			400			500			600		800
Rated Tonnage Point Above (B.D.C)	mm	7	4	4	7	5	4	7	5	4	7	5	4	7	5	10
Stroke Length	mm	200	100	80	250	130	80	300	150	80	300	160	80	300	180	300
No. of Stroke	S.P.M	45	60	100	35	55	90	35	50	80	35	45	70	35	40	35
Die Height	mm	500	500	400	550	550	450	550	450		550	500		600		700
Slide Adjustment	mm	100			100			100			120			120		150
Slide Area(LRxFB)	mm	2100x800 (H.S2 1800x750)			2500x1000 (H.S2 2100x1000)			2650x1100 (H.S2 2300x1100)			2800x1200 (H.S2 2400x1200)			2900x1300		3300x1400
Bolster Area (LRxFB)	mm	2200x800 (H.S2 1900x800)			2600x1000 (H.S2 2200x1000)			2700x1200 (H.S2 2400x1200)			2900x1300 (H.S2 2500x1300)			3000x1400		3300x1500
Bolster Thickness	mm	170			210			230			250			260		280
Side Opening (WxH)	mm	800x450 (H.S2 800x550)			1000x600 (H.S2 1000x500)			1000x600 (H.S2 1000x500)			1200x600 (H.S2 1200x550)			1200x650		1200x750
Working Height	mm	1100			1100			1200			1200			1300		1400
Main Motor	Kw x p	(A.C)	18.5x4 22x4		30x4 37x4		37x4 45x4		45x4 55x4		55x4		75x4		75x4	
		(V.S)	22x4		37x4		45x4		55x4		75x4		—		—	
Slide Adjust Motor	Kw x p	1.5x4			2.2x4			3.7x4			3.7x4			5.5x4		5.5x4
Air Pressure	Kg/cm <sup>2</sup>	5			5			5			5			5		5