

# KD SERIES

Good For Press Forging by Progressive Stamping Die, Cold Forging, Fine Blanking, Near Net-Shaping, etc. On High Tensile Strength Steel, Stainless Steel, Titanium Alloy, Magnesium Alloy, ... etc.  
 適 高張力鋼板 不銹鋼 鎂合金...等之  
 冷鍛 引伸 精密下料 近淨成型 精沖鍛壓複合成型與連續沖鍛成型加工

## TWO-POINT KNUCKLE JOINT PRESS with link motion drive (Three-Point is Optional)

### 精沖鍛壓 - 雙點式肘節連桿沖床 (也可作成三點式)

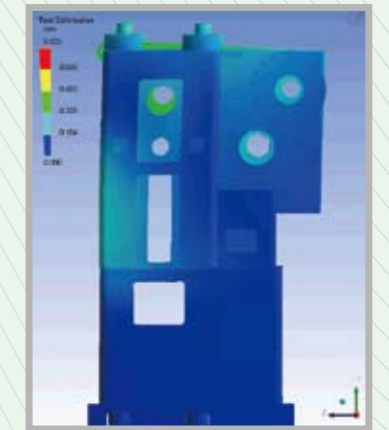
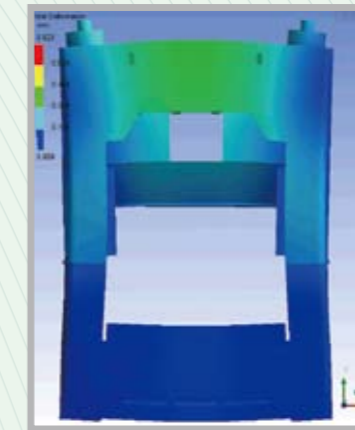
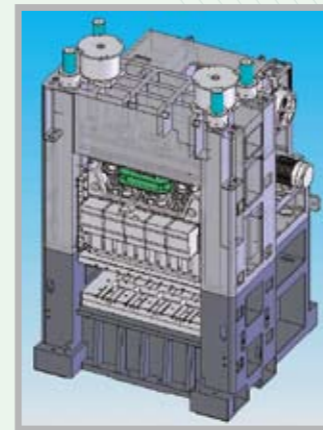
Patent Pending  
 專利申請中



- 產品良率高
- 更一致的產品精度與質量的統一
- 最佳材料流動
- 產品金相佳
- 强度高 表面品質佳
- 以沖鍛複合成型省去二次加工
- Higher material yield
- More consistent product precision with uniform quality
- Optimum material flow
- Improved surface finish
- Increased product strength and grain improvement
- Eliminate or reduce secondary machining

## STRUCTURE FEATURES | 結構特性

剛性高 High Rigidity 低變形量 Low Deformation



Two or Three-point effort force make slide more evenly and consequently reduce the Eccentric Load.

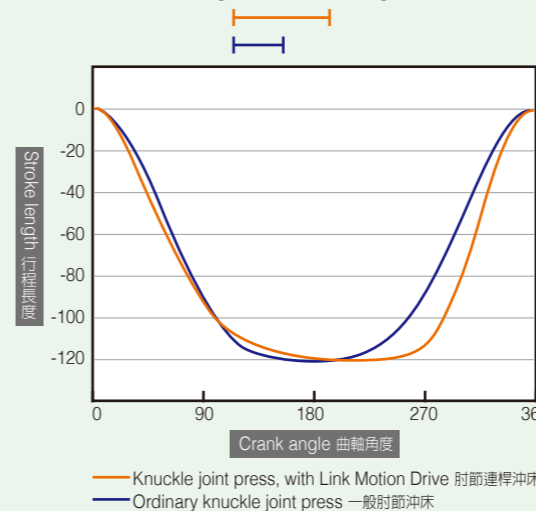
雙點或三點出力使滑塊作動更平均，以降低偏心負荷

Minimize Tool Wear to Increase Die Life. Get Tight Tolerance and High Dimensional Accuracy and Stability. Reduce Shock and Vibration to Result in Low Noise. Improve Working Environment Quality.

模具磨損小、壽命長、加工精度高、穩定度高、震動小、噪音低 提昇工作環境品質

## ADVANTAGES | 功能介紹

About 70% longer processing time than ordinary knuckle joint press 加工時間比一般肘節沖床約長70%



With an innovative hybrid drive mechanism of combining knuckle joint and link motion to achieve an optimal slide motion curve for precision progressive cold forging and near net shaping

以連桿機構推動肘節，具最佳滑塊運動曲線，適用於連續沖鍛成型加工。

## SPECIFICATIONS | 產品規格

Model	型號	單位 (Unit)	KD-300 (雙點, Two-Point)	KD-450 (雙點, Two-Point)	KD-600 (雙點, Two-Point)	KD-1000 (雙點, Two-Point)	KD-800 (三點, Three-Point)
Machine Size (LxWxH)	機台尺寸	mm	2940x2450x5150	2940x2450x5150	3680x3070x6330	3680x3500x6500	4172x3865x6985
Capacity	加工噸位	Ton	300	450	600	1000	800
Capacity Rating point	能力發生點	mm	8	8	8	8	8
S.P.M	行程數	S.P.M.	20-35	20-35	20-35	20-35	20-35
Stroke Length	行程長度	mm	100-150	100-150	100-150	100-150	100-150
Die Height	模高	mm	500	500	600	600	600
Slide Adjustment	滑塊調整量	mm	50	50	50	50	50
Bolster Area (LR x FB)	台盤面積	mm	1900x1000	1900x1000	2200x1250	2200x1250	2680x1200
Slide Area	滑塊面積	mm	1900x1000	1900x1000	2200x1250	2200x1250	2680x1200
Main Motor	主馬達	HP x P	40x4	40x4	60x4	75x4	75x4
Slide Adjustment Motor	滑塊調整馬達	HP x P	2x4	2x4	3x4	5x4	5x4

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Bolster and Slide Area can be modified on custom-made basis. 可依沖製產品之需求，提供台盤及滑塊客製化服務。