

YICHEEN

EDR Series

**DEVELOP AND REFORM NEW PATTERN AND MODEL IN HOPE
OF FURNISHING CUSTOMER WITH THE MOST SOPHISTICATED,
EFFECTIVE AND FACILITATIVE MACHINERY.**

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HIGH PRECISION DIE CUTTING MACHINE

全電式精密伺服沖型裁斷機 **EDR-0303**



EDR-0303 全電式精密伺服沖型裁斷機 (捲對捲)

HIGH PRECISION DIE CUTTING MACHINE (FULL ELECTRICAL, ROLL TO ROLL TYPE)

適用範圍：

光電薄膜 (如：擴散片、反射片、增亮片、ITO膜、軟性PCB，複合材料...等)

產品介紹：

- 全電式伺服作動方式，高速沖切，可做全裁切與半裁切加工
- PLC電腦觸控螢幕控制系統，操作簡易
- 以伺服馬達微調沖切深度，可在螢幕上設定精密度高，單位1 μ
- 全機無油壓設計、無污染、裁切電動小、無噪音
- 本機可配合前後貼合與切片機構

Range of application：**Photonic Film**

(Diffuser, Reflects Film, Brightness Enhancement Film, ITO Film, Soft PCB, Compound Material... etc.)

Description:

- High precision servo motor drive die cutting, it can apply full cutting and half cutting.
- PLC computer touch-panel screen control system.
- High speed die cutting (200 spm)
- Micro-adjust die cut depth by servo motor can be set up at monitor, setting unit : 1 μ
- Non-hydraulic design, no pollution, low vibration and low noise, best for using in dustless room.
- This machine can operate with Laminator and cutter.

**規格明細**

SPECIFICATION & DETAIL

EDR-0303 全電式精密伺服沖型裁斷機 (捲對捲)

HIGH PRECISION DIE CUTTING MACHINE (FULL ELECTRICAL, ROLL TO ROLL TYPE)

型號 Model No.	EDR-0303
裁斷能力 Cutting force	0.5 TONS MAX.
可裁切尺寸 Effective cutting size	L300 x W300 mm
深度微調精度 Cutting depth adjust unit	1 μ
送料精度 Feeding precision	+/-0.1mm
沖切速度 Stroke speed	200 SPM
機械尺寸 Machine size	L1585 x W1160 x H1431 mm
總耗電量 Power consumption	4kw

- 本公司保有於適當時機修改以上規格的權利
Specifications are subject to change without notice for design improvement.
- 特殊裁切面積可依客戶需求設計製造
Special cutting area is available upon request.

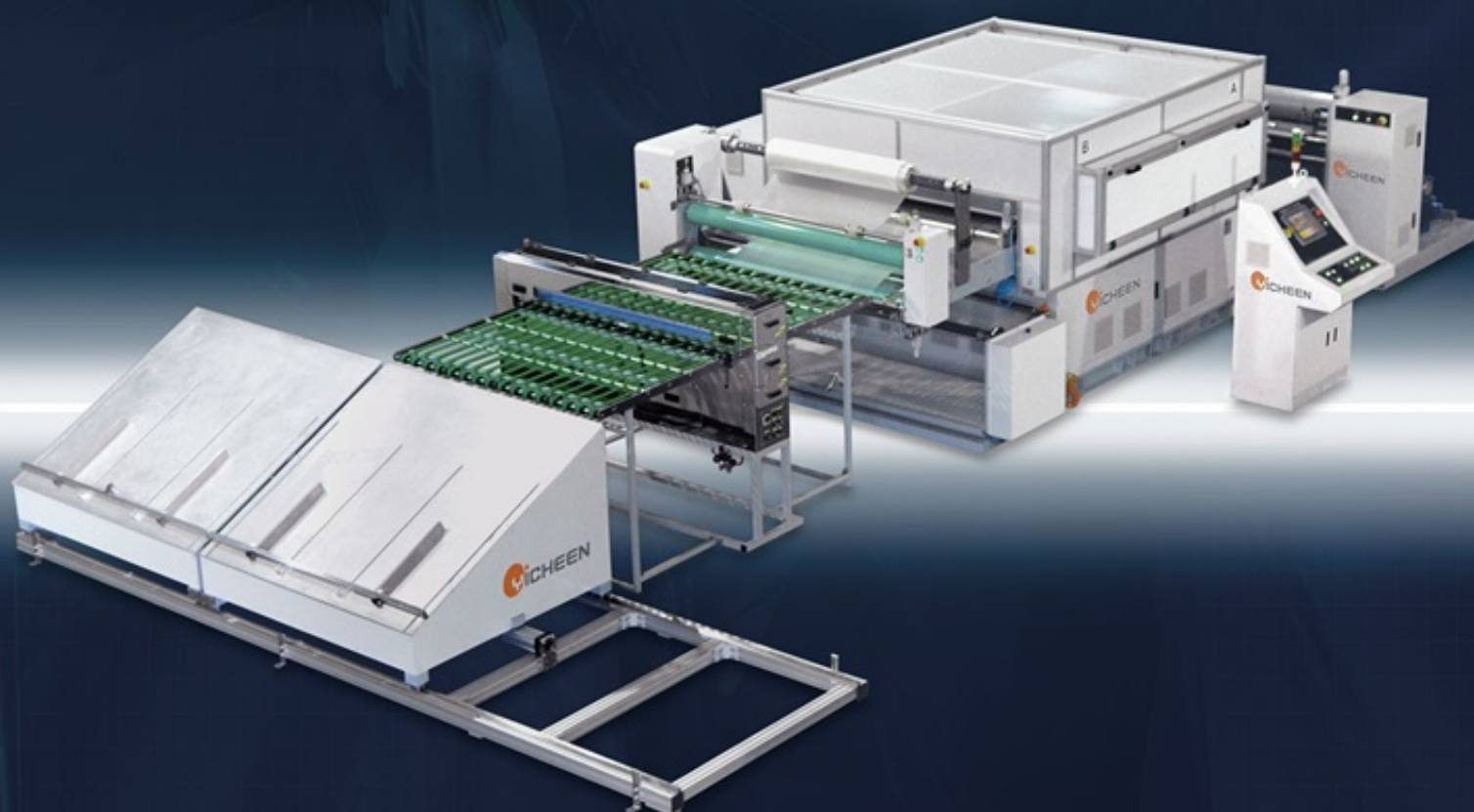
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HIGH PRECISION DIE CUTTING MACHINE

精密冲型裁切機 **EDR Series**



EDR 精密冲型裁切機 □□□□□□□□□□ High Precision Die Cutting Machine

適用範圍：

- 專為背光模組使用之擴散片、反射片、增亮片…等冲型裁切而設計
- 亦可冲裁全裁片與半裁切片如：PET、銅鋁箔、導電膜、泡棉、絕緣材料等捲材
- 可裁切範圍：20"~60"

Range of application：

- Special Design for LCD Backlight Industry, Suitable for Die Cutting Diffuser, Reflects Film, Brightness Enhancement Film and Photonic Material.
- Also suitable for full and kiss cutting PET, Laminated Copper Foil, Aluminum Foil, Conduction Film, Foam, Insulation Material and Winding Material.
- Available Working Area：20"~60"



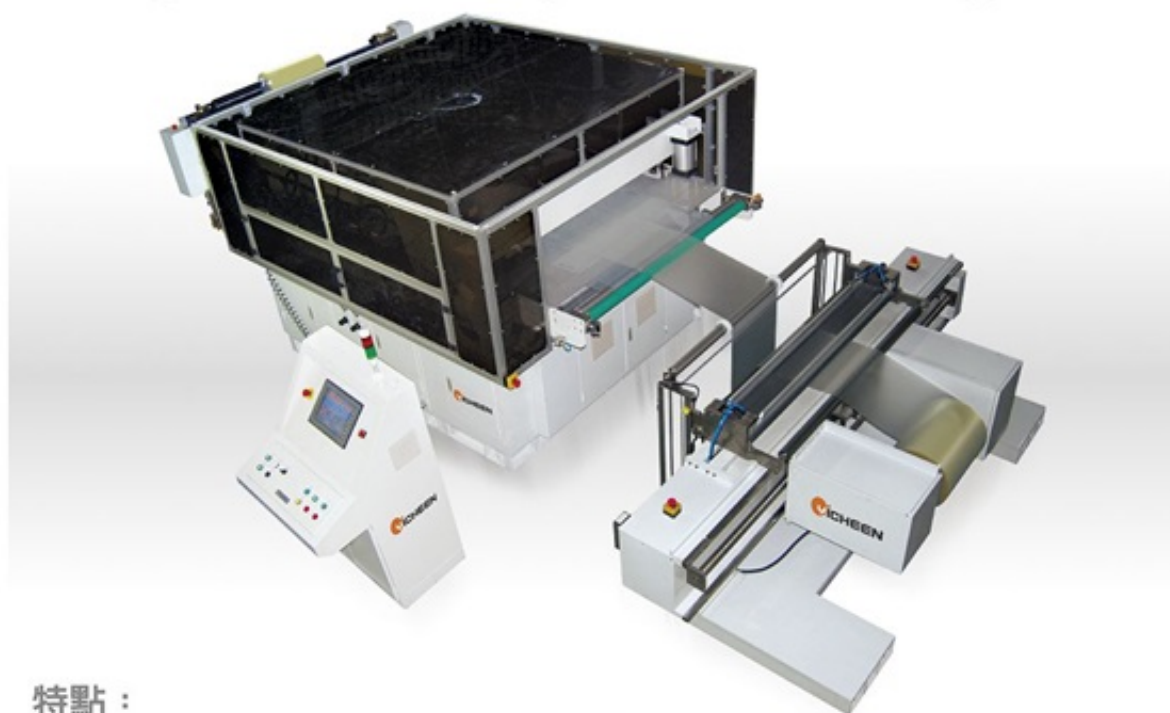
EDR全電式精密伺服冲型裁切機
High precision die cutting machine (servo type)





EDR 全電式精密曲軸式冲型裁切機

High Precision Die Cutting Machine (Crank-Shaft Type)



特點：

- 全電式曲軸式(凸輪)作動方式
- PLC電腦觸控螢幕控制系統
- 四冲柱可獨立經電腦螢幕微調深淺(微調單位1 μ)
- 伺服馬達控制進料、廢料複捲機構與麥拉輸送帶同步運作
- 全機無油壓設計、無污染，裁切震動小，無噪音

Feature：

- High precision crank-shaft drives die cutting
- PLC computer touch-panel screen control system
- Four column can be micro-adjusted independently by computer setting parameter
- Servo motor control feeding, rewind and conveyer (Mylar) work synchronously
- Non-hydraulic design, no pollution, low vibration and low noise, best for using in dustless room



EDR 全電式精密伺服冲型裁切機

High Precision Die Cutting Machine (Servo Type)

特點：

- 全電式伺服傳動螺桿作動上下冲切，四柱同時下冲，絕無單柱過冲現象
- PLC電腦觸控螢幕控制系統
- 伺服高精度微調控制，四柱同時下冲，絕無單柱過冲現象
- 伺服馬達控制送料、廢料複捲機構與麥拉輸送帶同步運作
- 全機無油壓設計，無須外接冷卻系統，無污染，裁切震動小，無噪音，最適合於無塵室使用

Feature：

- High precision servo-control for die cutting, four column press down synchronously, it would never happen one column over press
- PLC computer touch-panel screen control system
- Servo control cutting depth can be micro-adjusted by computer setting parameter
- Servo motor control feeding, rewind and conveyer(Mylar) work synchronously
- Non-hydraulic design, no pollution, low vibration and low noise, best for using in dustless room



規格明細

Specification & Detail

EDR 全電式精密伺服沖型裁切機 High Precision Die Cutting Machine (servo type)

型式 Model	EDR-0505	EDR-0808
可裁切尺寸 Available cutting size	W450xL(D)450mm	W760xL(D)760mm
可裁切厚度 Material thickness	0.05~0.3 mm	0.05~0.3mm
裁切速度 Cutting speed	Max. 35 times/minute	Max 35 times/minute
最大裁斷力 Max. cutting force	8 tons	10 tons
機械尺寸 Machine size	L2736 x W1650 x H1828mm	L3180 x W2005 x H1875mm
機械重量 Machine weight	2700kgs	5200kgs
送料精度 Feeding precision	+/-0.05mm	+/-0.05mm
裁切面精度 Punching level precision	+/-0.02mm	+/-0.02mm

EDR 全電式精密曲軸式沖型裁切機 High Precision Die Cutting Machine (Crank-shaft type)

型式 Model	EDR-1010	EDR-1515
可裁切尺寸 Available cutting size	W950xL(D)950mm	W1450xL(D)1450mm
可裁切厚度 Material thickness	0.05~0.3 mm	0.05~0.3mm
裁切速度 Cutting speed	Max. 40 times/minute	Max 40 times/minute
最大裁斷力 Max. cutting force	12 tons	15 tons
機械尺寸 Machine size	L3700 x W1900 x H2000mm	L6200 x W3200 x H2000mm
機械重量 Machine weight	6500kgs	8500kgs
送料精度 Feeding precision	+/-0.05mm	+/-0.1mm
裁切面精度 Punching level precision	+/-0.02mm	+/-0.025mm

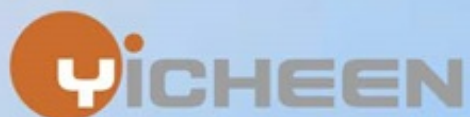
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- 特殊裁切面積可依客戶需求設計製造
Special cutting area is available upon request.



選配裝置

Optional equipment

- 黏塵輪 Remove dust roller
- 靜電消除器 Static electricity eliminator
- 磁盤吸取刀模裝置 (32"以下機種) Magnet die tool (for under 32"size machine)
- 磁粉剎車離合器 Powder clutches
- 靜電除塵機 Dust clean machine
- 離子風扇 Ionizer
- 麥拉帶整捲循環機構 Roller conveyor circulating system
- 四沖柱伺服馬達微調控制 Four columns micro-adjusted control by servo motor
- 無軸心放料機構 Shaftless unwind stand



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2008年8月 EC系列通過CE認證

2010年5月 通過ISO9001:2008認證

2011年8月 ED系列通過CE認證

Aug 2008 EC series – CE certification

May 2010 ISO9001:2008

Aug 2011 ED series – CE certification



QC017
ISO9001:2008



QMS 010