

# **YICHEEN**

## **EDR Series**

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

**[www.yicheen.com.tw](http://www.yicheen.com.tw)**

# **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 $\mu$
- 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 $\mu$
- 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 &amp; 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 $\mu$                  |
| 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.

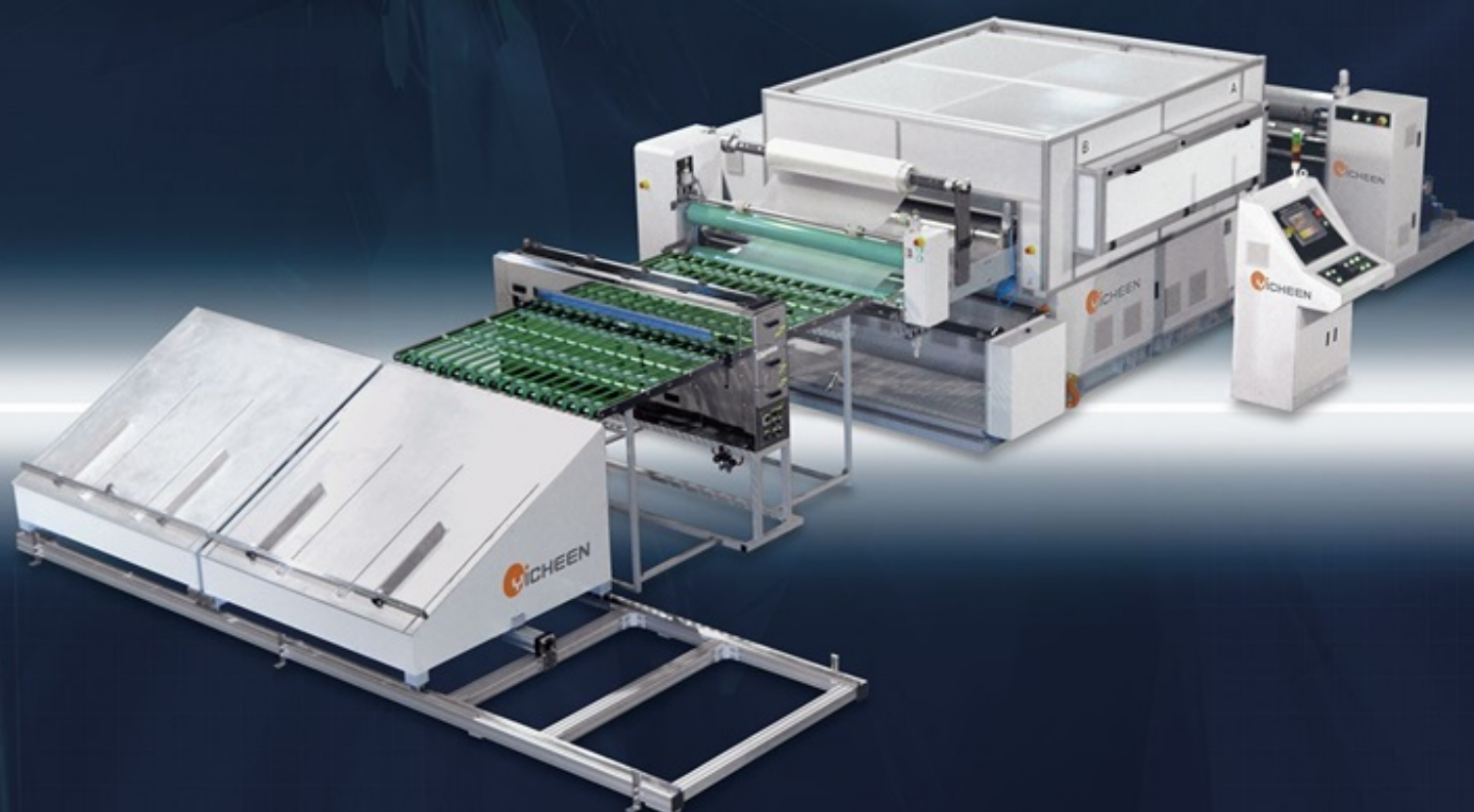
**YICHEEN**  
TECHNOLOGY CO., LTD.  
鎰群科技股份有限公司  
www.yicheen.com.tw

709台南市安南區安和路一段288巷171弄6號  
No.6, Alley 171, Lane 288, Sec. 1, Anhe Rd.,  
Annan District, Tainan City 709, Taiwan  
Tel: +886-6-356-2788 Fax: +886-6-356-2777  
E-mail: sales@yicheen.com.tw



# **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"



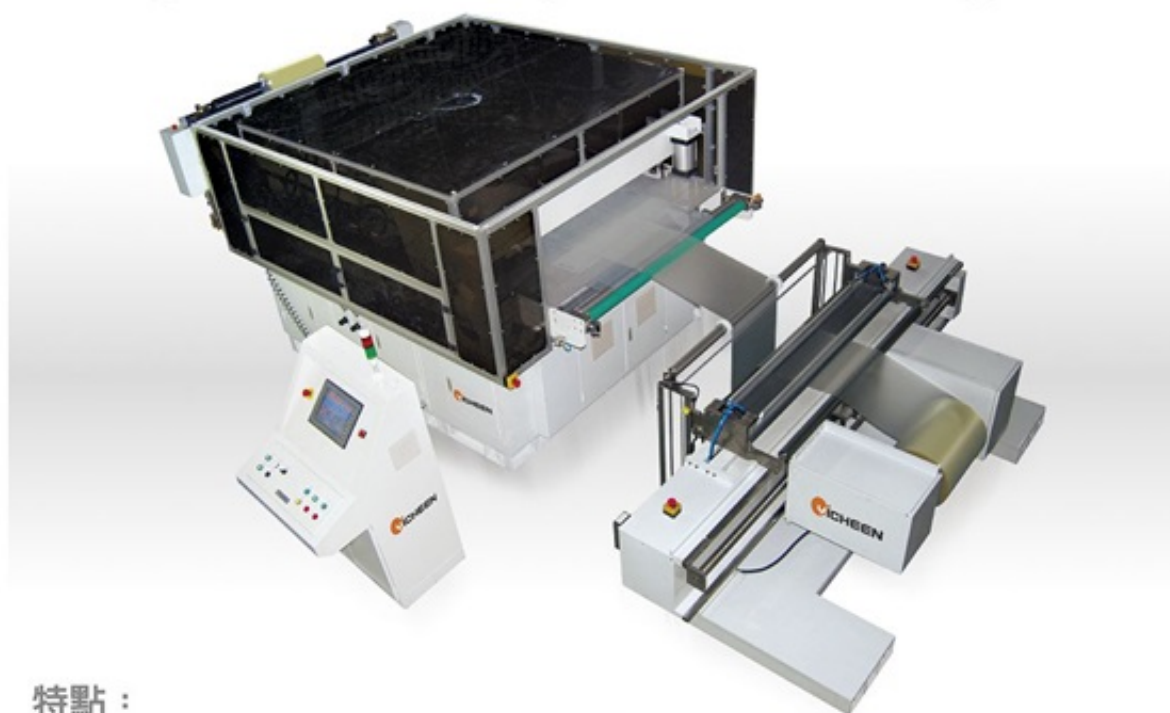
EDR全電式精密伺服冲型裁切機  
High precision die cutting machine (servo type)





## 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  $\mu$ )
- 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 &amp; 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              |

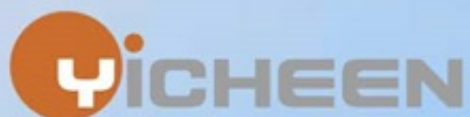
- 本公司保有於適當時機修改以上規格的權利  
Specifications are subject to change without notice for design improvement.
- 特殊裁切面積可依客戶需求設計製造  
Special cutting area is available upon request.



## 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



---

鎰群科技股份有限公司  
**YICHEEN TECHNOLOGY CO., LTD.**

---

709台南市安南區安通路二段60號

No. 60, Sec. 2 Antong Rd., Annan Dist., Tainan City 709, Taiwan

Tel: +886-6-356-2788 Fax: +886-6-356-2777

E-mail: [sales@yicheen.com.tw](mailto:sales@yicheen.com.tw)

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