

## 成型機光柵防護

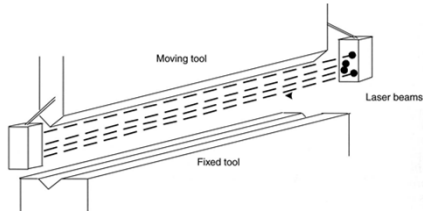
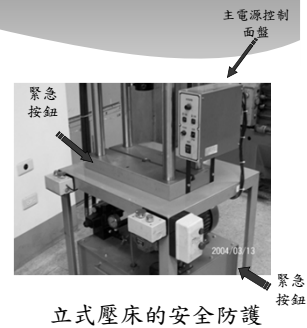


Figure 6.16 Schematic diagram of laser protection at a forming tool head. Note: the number and positioning of the beams has to be determined by calculation.

Ridley & Pearce, 2006

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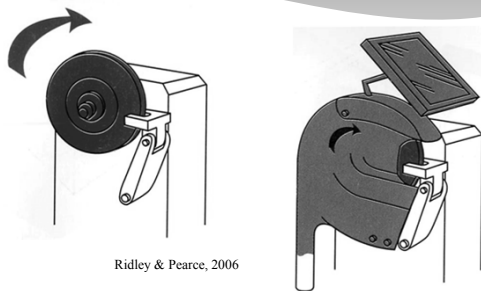
## 壓床機的安全防護



立式壓床的安全防護

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## 研磨輪(Abrasive Wheel)防護

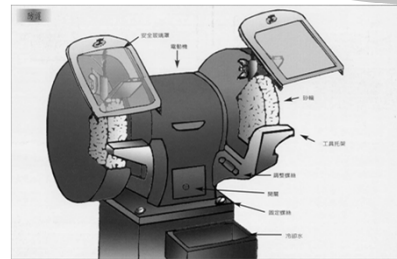


Ridley & Pearce, 2006

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## 砂輪機安全防護~護目鏡

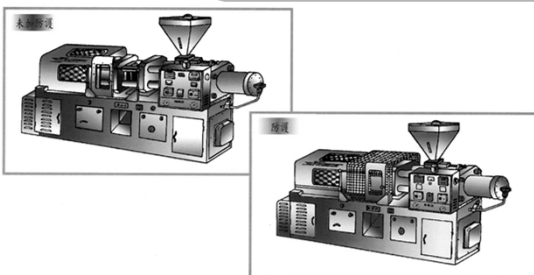
其功能在保護眼睛，防止受到飛濺切屑所傷。



圖：勞委會產業機械安全宣導小冊

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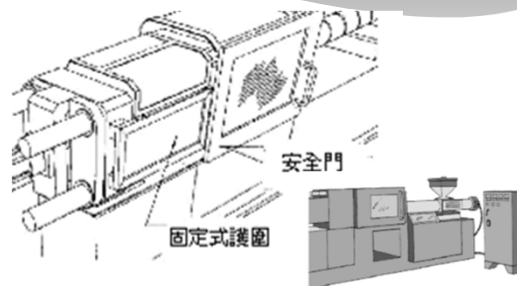
## 塑膠射出成型機安全裝置



資料來源：勞委會產業機械安全宣導小冊

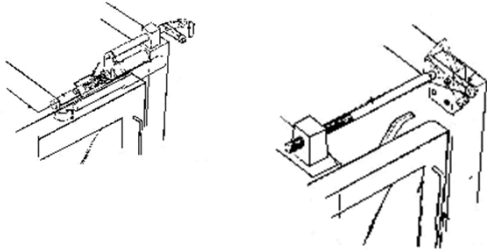
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## 塑膠射出成型機~安全門及固定式護圍



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## 塑膠射出成型機~互鎖裝置

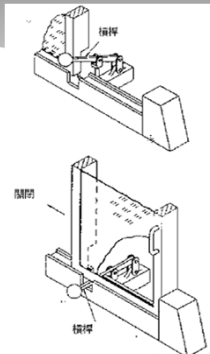


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## 手動啟動/停止控制器與護圍間之直接機械式互鎖裝置

### ▶ 作動原理：

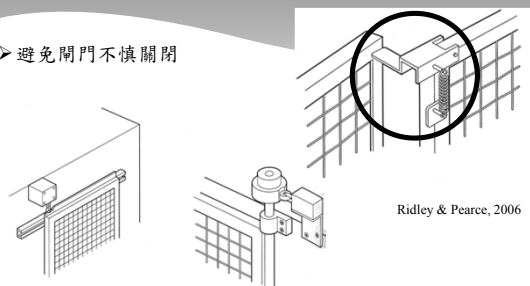
—當手動啟動/停止控制器(如槓桿)在升起的位置時，此裝置禁止護圍開啟。當降下槓桿時，即以正向模式將動力源形成斷路(如此裝置為動力源的一部份則切斷動力源；如此裝置為控制系統的一部份則產生停止的指令)。當降下槓桿時，可將護圍開啟；當槓桿升起時，護圍無法開啟。



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## 互鎖式護圍

### ▶ 避免開門不慎關閉

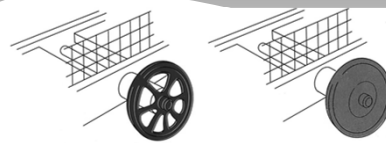


Typical sliding and hinged interlocking guards.

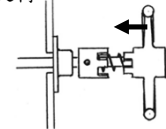
Hughes & Ferrett, 2005

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## 輪輻(Rotating spoked wheel)防護



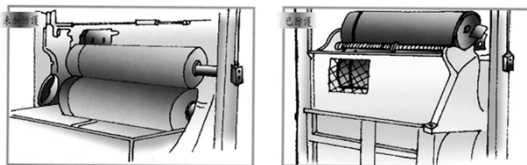
### ▶ 須先往前推才能卡入帶動旋轉



Ridley & Pearce, 2006

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## 軋延機安全裝置-安全護圍



資料來源：勞委會產業機械安全宣導小冊

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雇主對於扇風機之葉片，有危害勞工之虞者，應設護網或護圍等設備。



圖片來源：中華民國工業安全衛生協會圖書資料庫

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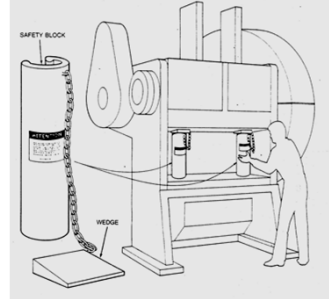
## 實體檔塊~車斗防護



Figure 5.14 Prop (scotch) under raised body of tipper lorry. (Courtesy T E Beach Ltd)  
Ridley & Pearce, 2006

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## 實體檔塊~衝床



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## 上鎖/掛牌<sub>1</sub> (Lockout/Tagout)

➤ 為防止你或他人的疏忽，將暫時停用之電路系統或設備意外開動動力源，而造成可能的傷害甚至死亡。



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## 上鎖/掛牌<sub>2</sub>



Brady Worldwide, Inc.

Master Lock Co. LLC

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