

# ***HDPE High Speed Inflation Machine***

**AP-45H-650**

**AP-55H-800**

**AP-65H-1100**



**APEX-PLAS®**



**Gear Box**  
齒輪箱



**Rotary Die**  
旋轉膜頭



**Main Control Box**  
控制箱

AP SERIES HIGH SPEED FOR HDPE FILM

| Model<br>型號                                | AP-45H-650          | AP-50H-650    | AP-55H-800          | AP-65H-1100          |
|--------------------------------------------|---------------------|---------------|---------------------|----------------------|
| EXTRUDER<br>押出機                            |                     |               |                     |                      |
| Screw Dia.<br>螺桿尺寸                         | 45mm Φ              | 50mm Φ        | 55mm Φ              | 65mm Φ               |
| Screw Length L/D<br>長徑比                    | 28/1                |               | 28/1                |                      |
| Barrel Material<br>料桶材質                    | ACM2                |               | ACM2                |                      |
| Screw Material<br>螺桿材質                     | ACM2                |               | ACM2                |                      |
| Gear Material<br>齒輪箱材質                     | SNCM - 21           |               | SNCM - 21           |                      |
| Temperaturt Control Zones<br>溫控點           | 2+1                 | 3+1           | 3+1                 | 4+1                  |
| Barrel Cooling System<br>料桶冷卻系統            | Air Cooling         |               | Air Cooling         |                      |
| Max. Extrusion Output/hr<br>最大押出量          | 40 kgs              | 55 kgs        | 80 kgs              | 120 kgs              |
| Main Motor<br>主馬達                          | 15 HP AC            | 20 HP AC      | 40 HP AC            | 50 HP AC             |
| Inflation Spiral Dies<br>模頭尺寸              | 60 / 80 mm Φ        | 80 / 100 mm Φ | 100 / 120 mm Φ      | 120 / 150 mm Φ       |
| Thickness of Tube<br>薄膜厚度                  | 0.01-0.1 mm         | 0.01-0.1 mm   | 0.01-0.1 mm         | 0.01-0.1 mm          |
| Max. Width of Tube<br>最大薄膜寬度               | 600 mm              |               | 700 mm              | 1000 mm              |
| TAKE-UP MACHINE<br>引取單元                    |                     |               |                     |                      |
| Rubber Roller<br>引取膠輪                      | Φ120mm * 650 mm * 1 |               | Φ160mm * 800 mm * 1 | Φ160mm * 1100 mm * 1 |
| Hard Chromium Steel Roller<br>引取鐵輪         | Φ120mm * 650 mm * 1 |               | Φ160mm * 800 mm * 1 | Φ160mm * 1100 mm * 1 |
| Aluminum Guide Roller<br>引取鋁輪              | Φ56 mm * 650 mm * 2 |               | Φ75mm * 800 mm * 2  | Φ75mm * 1100 mm * 2  |
| Take-up Motor<br>引取馬達                      | 1/2 HP AC           |               | 1/2HP AC            | 1 HP AC              |
| Max. Take-up Speed<br>最大引取速度               | 100M/Min.           | 100M/Min.     | 100M/Min.           | 80 M/Min.            |
| WINDER<br>捲取單元                             | Surface Type        |               |                     | 260 Type             |
| Winder Motor<br>捲取馬達                       | 20 kg/cm AC         | 30 kg/cm AC   | 30 kg/cm AC         | 1 HP D.C             |
| Winding Hard Chromium Steel Roller<br>捲取鐵輪 | Φ240mm * 650 mm * 1 |               | Φ240mm * 800 mm * 1 | Φ260mm * 1100 mm * 1 |
| Winding Rubber Roller Dimensions<br>捲取膠輪   | Φ90mm * 650 mm * 1  |               | Φ90mm * 800 mm * 1  | Φ110mm * 1100 mm * 1 |
| Winding Aluminum Roller Dimensions<br>捲取鋁輪 | Φ56mm * 650 mm * 2  |               | Φ56mm * 800 mm * 2  | Φ75mm * 1100 mm * 2  |
| Max. Winding Dia.<br>最大捲取直徑                | 800 mm Φ            |               |                     |                      |
| Max. Winding Width<br>最大捲取寬度               | 600 mmW             |               | 700 mmW             | 1000 mmW             |
| COOLING EQUIPMENT<br>冷卻單位                  |                     |               |                     |                      |
| Aluminum Alloy Air Ring<br>鋁合金風環           | 1 set               |               | 1 set               |                      |
| Air Blower<br>風車馬達                         | 5 HP                |               | 7.5 HP              |                      |



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