

BFM SERIES

HDPE/LDPE/LLDPE BLOWN FILM LINE



EXTRUSION



MODEL FK/BFM-55-800

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Specially designed model for making shopping bag size range tubular film,
or any layflat film width less than one meter.

Max. production output rate from 50 kg/hr till 70 kg/hr.

MAIN FEATURES

EXTRUDER with conventional screw design at the length ratio as 30:1 in order to obtain the best plastization and mixing result. Heavy duty gear box with thrust bearing of SKF brand of Sweden made, of forced type lubrication system with extra oil cooler and oil pump to ensure longer running life.

DIE adopts the latest technology with spiral type design to give smooth parison flow and allow pressure drop to avoid die line. AIR RING of aluminum casting chamber with high precision machining and polished air surface to give even air flow and maximum stability. TURBO COOLING BLOWER with inverter control to give accurate air volume adjustment. STABILIZER to assist a better hold for HDPE bubble stability. TAKE-UP unit of heavy duty steel frame structure with height adjustable by motor. Free size gusseting board as well as the embossing roller units are the standard attachments.

WINDER of surface friction type design, a hand free operation from film winding to reel change. Film cutting is controlled by counter to give alarm when setting meter is reached and cut by air knife operated by rodless air cylinder. Labour just required to load the empty winding shaft and move out the finished film roll. Winding air shaft is the standard attachment.

TECHNICAL DATA:

規 格

| MODEL | | FK/BFM-55-800 | FK/BFM-55-1000 | FK/BFM-55-1200 | 單位 | 型 號 |
|--|---------|---|------------------------|---------------------|-------|----------------|
| Applicable Resin | | HDPE/LDPE/LLDPE | | | | 適用原料 |
| Film Width | | 400-700 | 500-900 | 700-1100 | mm | 產品寬度 |
| Film Thickness | | 0.01-0.02 | 0.01-0.02 | 0.01-0.02 | mm | 產品厚度 |
| Extrusion output | (HDPE) | 50-58 kg/hr | 55-60 kg/hr | 55-65 kg/hr | kg/hr | 押 出 量 |
| | (LDPE) | 55-65 kg/hr | 60-70 kg/hr | | | |
| | (LLDPE) | 50-60 kg/hr | 55-60 kg/hr | | | |
| EXTRUDER | | | | | | 押 出 機 |
| Screw | | 55 | | | mm | 螺桿直徑 |
| Screw L/D | | 28 | | | L/D | 螺桿長徑比 |
| Barrel / Adaptor heating capacity | | 11.1kw+7.06kw | | | kw | 套筒、彎頭電熱 |
| Temp.Control | | 3+1 | | | zone | 溫度控制 |
| Barrel cooling fan | | 1/4hpx3 | | | hp | 套筒冷卻 |
| Main Drive | | 30 hp AC with inverter | 40 hp AC with inverter | | | 主傳動馬力 |
| EXTRUDING DIE | | | | | | 押 出 模 頭 |
| Die Diameter | HDPE | 75 & 100 | 100 & 125 | 125 & 150 | mm | 模 嘴 尺 寸 |
| | LDPE | 125 & 175 | 175 & 225 | 225 & 275 | | |
| Heating capacity | HDPE | 5.8 | 6.4 | 7.2 | kw | 電 熱 容 量 |
| | LDPE | 8.1 | 9.3 | 10.6 | | |
| Temp.Control | | 2 | | | zones | 溫度控制 |
| Bubble cooling blower | | 5hp with inverter | | 7.5hp with inverter | hp | 膠管冷卻 |
| TAKE-UP UNIT | | | | | | 引 取 裝 置 |
| With Height Adjustable | | | | | | |
| Main Pinch rollers | | φ 160x800 | φ 215x1000 | φ 215x1200 | mm | 主引取輪組 |
| Drive motor | | 1hp DC+cooling fan | 2hp DC+cooling fan | 2hp DC+cooling fan | hp | 傳 動 馬 力 |
| Embossing roller | | 1 x steel, 1 x rubber | | | | 壓 花 輪 組 |
| Line speed | | 10-90 M/min | | | M/min | 線 速 度 |
| Take up height | | 4500 | 5000 | | mm | 引 取 高 度 |
| Nip roller close&open | | By Air Cylinder | | | | 引 取 輪 開 合 |
| Gusseting device | | Provided | | | | 摺 袋 裝 置 |
| WINDING UNIT | | | | | | 捲 取 裝 置 |
| SEMI Auto Surface Friction Type | | | | | | |
| Winding roller | | φ 300x800 | φ 300x1000 | φ 300x1200 | mm | 捲 取 輪 |
| Winding motor | | 1hp DC+cooling fan | 2hp DC+cooling fan | 2hp DC+cooling fan | hp | 捲 取 馬 力 |
| Winding speed | | 10-90 M/min | | | M/min | 捲 取 速 度 |
| Winding diameter | | 700(max.) | | | mm | 捲 取 直 徑 |
| Paper core diameter | | 3" | | | | 紙 管 尺 寸 |
| Film cutting | | By air knife operated by rodless air cylinder | | | | 切 膜 操 作 |
| MACHINE DIMENSION | | 6000x2500x4500 | 6000x2500x5000 | 6000x2700x5000 | mm | 機 械 尺 寸 |
| TOTAL/AVERAGE POWER CONSUMPTION | | 55/33 | 57/34 | 59/35 | | 總/平均耗電量 |

★本公司保有變更設計之權利,不另行通知。We reserve the right to make technical modification without prior notice.

OPTIONAL ATTACHMENTS:

Auto Regulator, Swing Type Screen Changer, Corona Surface Treater, LDPE Die Head/Air Ring, Rotary die head.



an ISO 9001-2000 Company

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