

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、嚮頭電熱
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 頭 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		With Height Adjustable				引 取 裝 置
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		SEMI Auto Surface Friction Type				捲 取 裝 置
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.



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