

Energy-saving, efficient, Automation, Standardization

Three or four tie bars direct locking structure
Combination of linear guide and tie bar in carriage movement
Graphite copper sleeve in tie-bar, solid and durable
No limitation in Operating environment
Convenient for scrap collection
Suitable for all kinds of extrusion system
Long history, simple structure, easy installation, stable performance



MP55D (2L)



MP70D (5L)



MP80D (10L)

Meper Full-automatic Plastic
Extrusion Blow Molding Machine

STANDARD D SERIES



主要技术参数 Technique Parameters

Parameters	UNITS	MP55	MP70	MP80
GENERAL				
Material		PE,PP...	PE,PP...	PE,PP...
Maicontainer capacity	L	2	5	10
Number of die	set	1--6	1--6	1--6
Output (dry Cycle)	sec	5.5	6	7
Machine Dimension(LxWxH)	M	3*1.4*2.28	3.8*2.3*2.36	4*2.3*2.5
Total Weight	tom	3.2	6.3	8.2
CLAMPING UNIT				
Clamping force	KN	30	75	150
Max Platen opening stroke	mm	120-350	180-480	220-620
Platen size	mm	260*320	340*410	420*510
Max mould size(WxH)	mm	340*360	430*370	520*460
EXTRUDER UNIT				
Screw diameter	mm	55/60/65	70/75/80	80/80
Screw L/D ratio	L/D	24	24	24/28
Plastesing capacity	Kg/hr	40/50/58	56/70/90	90/100
Number of heating zone	zone	3	3	4
Extruder heating power	KW	13.35	14.1	19.6
Extruder driving power	KW	11/15/15	18.5/22/30	30
Fan power for screw	KW	0.18	0.18	0.22
HEAD				
Number of heating zone	zone	3-13	3-13	3-13
Power of die heating	KW	4.2	6.5	13.5
Accumulator capacity	L	N	N	N
POWER				
Motor power	KW	7.5	9.5	11
Total power	KW	34.2-40.2	43-53.8	74.3
Average energy consumption	KW	19	25	38
Air pressure	Mpa	0.6-0.8	0.8	0.8
Air consumption	m³/min	0.8-1	1.2	1.5
oil tank volume	L	110	145	250

Die Head	Single		Double		Triple	
Example						
Model	CD (mm)	Volume (L)	CD (mm)	Volume (L)	CD (mm)	Volume (L)
MP55D	/	2	140	1	100	0.5
MP70D	/	5	160	2	120	1
MP80D	/	10	200	3	150	1.5
Die Head	Four		Five		Six	
Example						
Model	CD (mm)	Volume (L)	CD (mm)	Volume (L)	CD (mm)	Volume (L)
MP55D	75	0.2	60	0.1	50	0.02
MP70D	100	0.5	70	0.1	60	0.05
MP80D	110	1	80	1	70	0.1



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FS Customized series

- ▣ Single station design
- ▣ Precision processing fsettings, more stable running performance
- ▣ Separate post cooling system
- ▣ Separate hydraulic de-flash system
- ▣ Hydraulic servo system is optional
- ▣ Suitable for IML function
- ▣ Suitable for angled neck bottles production
- ▣ Layout is more convenient, friendly and safe to operators
- ▣ Suitable for all kinds of extrusion system
- ▣ Meet high output demands and top-quality requirements



MP70FS

MP70FS carriage movement is 520mm, customized design machine according to products. die head have option up to 6 head, single station only, especially for shampoo bottle, multi-layer



MP80/90FS

MP80/90FS carriage movement is 700mm/800mm/ customized design machine according to products. die head have option up to 6 head, single station only multi-layer/co-extrusion blow molding machine from 2layer-6layer is one of our advanced technology machine.



OUR CUSTOMER:



主要技术参数 Technique Parameters

Parameters		UNITS	MP70FS	MP80FS	MP90FS
GENERAL	Material		PE.PP...	PE.PP...	PE.PP...
	Maicontainer capacity	L	5	10	20
	Number of die	set	1--6	1--6	1--8
	Output (dry Cycle)	sec	6	7.5	8
	Machine Dimension(LxWxH)	M	3.6*2.3*2.4	5.4*3.8*3.4	5.5*3.8*5.44
	Total Weight	tom	*	*	*
CLAMPING UNIT	Clamping force	KN	110	75	150
	Max Platen opening stroke	mm	240-600	customized	
	Platen size	mm	480*470		
	Max mould size(WxH)	mm	500*360		
EXTRUDER UNIT	Screw diameter	mm	70/75/80	80	90
	Screw L/D ratio	L/D	24	24	26
	Plastesing capacity	Kg/hr	56/70/90	100	150
	Number of heating zone	zone	3	4	4
	Extruder heating power	KW	14.1	19.6	20
	Extruder driving power	KW	18.5/22/30	30	45
	Fan power for screw	KW	0.18	0.22	0.22
	HEAD	Number of heating zone	zone	3--13	3--13
Power of die heating		KW	7	*	*
Accumulator capacity		L	N	N	N
POWER	Motor power	KW		servo system optional	
	Total power	KW	customized		
	Average energy consumption	KW			
	Air pressure	Mpa	0.8	0.8	0.8
	Air consumption	m³/min	0.8-1	1.3	2
	oil tank volume	L	250	550	650

Die Head	Single		Double		Triple	
Example						
Model	CD (mm)	Volume (L)	CD (mm)	Volume (L)	CD (mm)	Volume (L)
MP70FS	/	10	200	4	150	1
MP80FS	/	20	250	5	200	2
MP90FS	/	30	300	10	250	5
Die Head	Four		Six		Eight	
Example						
Model	CD (mm)	Volume (L)	CD (mm)	Volume (L)	CD (mm)	Volume (L)
MP70FS	120	1	80	0.5	60	02
MP80FS	140	1.5	125	1	100	05
MP90FS	200	2	140	1	125	1



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BLOW MOLDING MACHINE ACCUMULATOR HEAD



VNK Series Introduction And Parameters

- ▣ **D**esign with more stability performance, more applicability and easy of operation, easy for maintenance. This series mainly produce big hollow products like water tank, Chemical tank, oil tank for Car, Tool-box, ice-box, storage barrel, flower-port.....
- ▣ **M**achine adopt two-bar clamping system, more bigger space to ensure the big mould installation. Servo system for the whole machine and Parison control system with robot take out, ensure the machine runs with low energy consumption and high output.

主要技术参数 Technique Parameters

	VNK-85	VNK-90	VNK-100	VNK-110	VNK-120	VNK-135
Maicontainer capacity (L)	25(30)	50(60)	100(120)	160	200(230)	1000
Screw diameter (mm)	φ85	φ90	φ100	φ110	φ120	φ135
L/D ratio	26	26	26	30	30	30
Capacity(real) (kg/h)	110	150	220	260	300	430
Platen size (W×H)	750×650	900×800	1050×1000	1100×1500	1300×1700	1600×1900
Clamping distance (mm)(min-max)	250~800	400~1050	500~1350	600-1600	700~1800	800-2400
Mold opening and closing speed (mm/s)	370	360	240	200	200	200
Mould size (W×H)	550×650	700×800	800×1000	750×1000	900×1100	1050×1400
Mold thickness (mm)	260~350	410~500	510~650	650~800	750~900	850~1200
System pressure (Mpa)	14	14	14	14	14	14
Clamping force (kN)	190	240	500	520	680	1200
Accumulate head volume (L)	4.4	6.6~8	12--16	20	25	40
Maximum Die Diameter (mm)	200	320	430	430	430	430
Up blow lift stroke (mm)	250	250	250	250	250	250
Blow needle lifting stroke (mm)	150	150	150	150	150	150
Expansion stroke (mm)	140~350	140~420	140~550	140~350	140~420	140~550
Platform lifting stroke (mm)	350	350	400	400	400	400
Screw heating power (kW)	19	26	31	30	47	55
Die heating power (kW)	18	20	25	33	40	59
Extrusion motor power (kW)	37	45	55/75	110	132	160
Oil pump motor power (kW)	22	30	37	30	37	45
Servo motor power (kW)	4	4	7.5	7.5	11	11
Maximum total power (kW)	100	125	152 / 172	210	270	330
average energy consumption (kW/h)	40	53	65 / 75	100	130	150
Machine Dimension(LxWxH)	4.3 x 2.5 x 3.8	5.1 x 2.9 x 4.6	5.7 x 3.1 x 4.8	6.8 x 3.5 x 5.8	7.3 x 3.6 x 6.3	8.5 x 3.8 x 6.6
weight (ton.)	10	13.5	18	23.6	31.6	43.8



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FD Series

Customized For
Bulk Production
Multi-layer
IML System

Close-loop For
Plastic Material
Transfer And
Product Transit

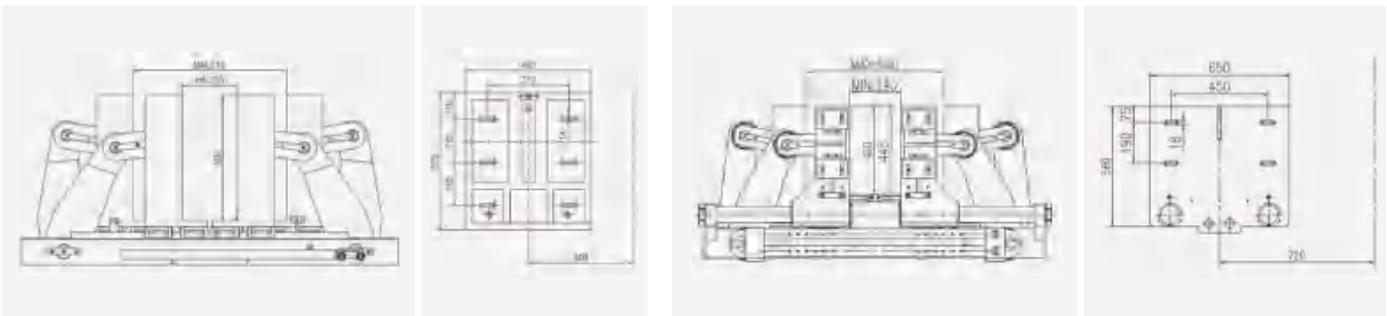
One-stop Solution
For Automatic And
High Quality
Control



Technique Paramters

Die Head	Single		Double		Three	
Example						
Model	CD (mm)	Volume (L)	CD (mm)	Volume (L)	CD (mm)	Volume (L)
MP80FD	/	10	200	3	130	1.2
MP90FD	/	12	250-280	4	150-180	1.5
MP100FD	/	20	280	5	200	3
Die Head	Four		Five		Six	
Example						
Model	CD (mm)	Volume (L)	CD (mm)	Volume (L)	CD (mm)	Volume (L)
MP80FD	110-120	0.8	80-90	0.5	70-80	0.3
MP90FD	120	1	90-100	0.8	80-90	0.5
MP100FD	120-130	2	100-110	1	90-100	0.8

Moulded Dimension



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