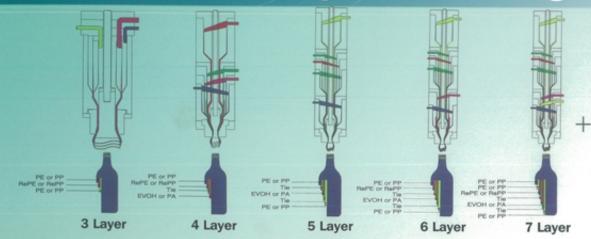


Co-Extrusion Multi Layer Blow Moulding Machine



HBA_{series} I

Available with Single Head & Multiple Head, Single Station & Double Station

Full Options: View Stripe, Material Auto Dosing System, Residue Recycle & Feed Back System, Finished Bottle Merge Conveyor, In Line Leak Detector, Etc.

Due to high oil prices and material costs for plastic containers becoming so high and unaffordable, the industry has been forced to try all means to make use of higher percentages of regrind material as well as to keep the layer with pure virgin material at the lowest possible thickness.

Material costs as well as the master batch can be dramatically reduced without compromising the packaging quality and its appearance.

The co-extrusion multi layer blow moulding machine is being introduced to the market to meet these new requirements, both single and double stations are available to cover the range from small bottles to 30 liter stackable jerry cans.









3 Extruders for 3 Layers
 5 Extruders for 7 Layers

 Co-extruding die head up to 7 layers.

 Product take out uni with in-line auto deflashing device, residue slide chute.

Main Features:

- All extruders are fixed on a common platform with height adjustable by motor.
- Extruding die head with special channel design for smooth and even flow, giving stable layer distribution and quick color change
- Clamp travels on linear bearings with closed loop control through proportional valves.
- All linear bearings with self lubrication system as standard.
- Free access for mold change by just moving away the blow pin unit.
- User-friendly control system, easy pick up and maintenance, with additional function for monitoring in office or via the internet.
- 100 points parison programming system with MOOG servo valve.
- In-Line auto deflashing device with residue slide chute.



Model FK/HBA-55/75/55CT25SD

3 Lavers, up to 25 liters, Single Head Double Station



Model FK/HBA-50/40/20/20/20-T06SS

7 Layers, up to 2 liters, Single Head Single Station

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Model	UNIT		HBA-50/40/20/20/20-T06SS								
Product volume	Liter	25(max.)				6(max.)					
Extruder					NI I						
Extruder		A		В	С	A	В	С	D	E	
Screw diameter	mm	55		75	55	50	40	20	20	20	
Screw L/D		24	24		24	28	28	28	27	27	
Main drive	hp	30	0 60		30	15	10	1	1	2	
Barrel cooling	W	560 x 2	x 2 560 x 3		560 x 2	200 x 4	200 x 4	50 x 2	50 x 2	50 x 2	
Heating zone		2	3		2	4	4	2	2	2	
Barrel heating capacity	kw	8.8	17.4		8.8	9.2	7.2	2.5	2.3	2.3	
Extrusion output (max.)	kg/hr	240		40		60					
Multi-layer continuous head		(I) Virgin HDPE+MB 20-25%	(M) Virgin HDPE+Regrind 50-60%		(0) Virgin HDPE+MB 20-25%	(L2 &L7) Virgin HDPE 12% + 38%	(L3) Regrind HDPE 38%	(L5) EVOH 3%	(L4&L6) AD 2% + 2%	(L1) Virgin HDPE + N 5%	
Heating zone		5+1+1+1				4+1+1+1+1+1+1					
Heating capacity	kw	28				20					
Die lip diameter (max.)	mm	. 200				82					
Clamping unit	152334										
Series		CT25 CT26				T06					
Туре		Single station	Double station	Single station	Double station	Single station					
Clamping force	ton	25	25	25	25	12					
Clamping distance	mm	340-850	340-850	480-1000	480-1000	158-546					
Mould platen (height)	mm	630	630	630	630	470					
Mould platen (width)	mm	540	540	540	540	450					
Hydraulic unit						is chall					
Туре		High & low pressure circuit with accumulator				High & low pressure circuit with accumulator					
Pump drive	hp	25+5			30+5	20+5					
Clamping pressure (max.)	kg/cm²	180			180		180				
Programmer pressure (max.)	kg/cm²	160		160		160					
Utilities	m³/hr										
Air consumption	kg/cm ²	215-245		215-245		50-70					
Air pressure	kw	6-8		6-8		6-8					
Total power connected		171		186		116					
Average power consumption	kw/hr L/min	69		75		28					
Mould chilled water	L/min	200		200		100					
Cooling water		110)	110		50					
Space for machine (LxWxH)	m	5.5 x 5.7 x 3.9		7.2 x 5.7 x 3.9		5.5 x 4 x 3.5					

HBA series



Specifications

An ISO 9001-2000 Company

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⁺ All specifications, design and characteristics shown above are subject to change without prior notice.