

Double Station Blow Molding Machine GS-2L-II / GS-5L-II / GS-10L-II / GS-16L-II



The 2L-16L double station blow molding machine is different from the single station machine in that it has one additional station with high-precision linear guide, covering four major series of GS-2L-II, GS-5L-II, GS-10L-II, GS-16L-II. The same as the single station machines, it can be used to produce a wide variety of materials, such as PE, PP, max 10L, and production capacity is 60 to 70% more than the single station machine. In accordance with different type of products, die heads can be changed to achieve multi-type production.

Specification		GS-2L-II	GS-5L-II	GS-10L-II	GS-16L-II
Material		PE、PP...	PE、PP...	PE、PP...	PE、PP...
Max.container capacity	L	2	5	10	16
Number of die	set	1、2、3、4	1、2、3、4	1、2、3、4、6	1、2、3、4、6
Output(dry Cycle)	pcs/hr	950*2	750*2	700*2	600*2
Machine Dimension	m	2.9×2.1×2.6	3.6×2.3×2.6	4.1×2.5×3	4.5×2.7×3.1
Total weight	ton	4	6.5	9.5	11
Die head		GS-2L-II	GS-5L-II	GS-10L-II	GS-16L-II
Number of die heating	zone	3	3	3	4
Power of die heating	KW	4.2	5.8	6-7	6-7
Max die-pin diameter	mm	60	80	140	140
Center distance of twin-die	mm	130	160	240	260
Center distance of tri-die	mm	85	110	160	180
Center distance of four-die	mm	65	85	120	130
Center distance of six-die	mm			85	90

Clamping Unit		GS-2L-II	GS-5L-II	GS-10L-II	GS-16L-II
Clamping force	KN	38	70	110	155
platen opening stroke	mm	120-390	135-530	220-610	220-620
platen size	mm	290×330	330×400	460×500	520×480
Max mould size	mm	310×330	350×400	520×500	600×480
Mould thickness	mm	120-220	140-300	235-380	235-380
Extruder Unit		GS-2L-II	GS-5L-II	GS-10L-II	GS-16L-II
Screw diameter	mm	60	70	90	90
Screw L/D ratio	L/D	24:1	24:1	25:1	25:1
Extruding Volume	Kg/hr	60-80	100-120	130-160	130-160
Number of heating zone	zone	3	3	4	4
Extruder heating power	KW	5-6.6	6-8.2	8.2-9.3	8.2-9.3
Extruder driving power	KW	15-18.5	22-37	37-45	37-45