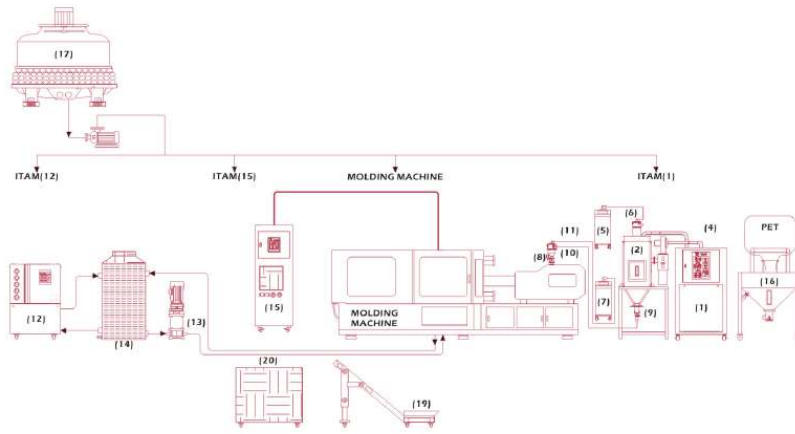


Production Layout



Auxiliary Accessories

01. Dehumidifier for Materials
02. Heat-consistent Hopper Dryer
03. Stand for Hopper Dryer
04. Silicone Pipe
05. Auto-Cleaning Loader
06. Vacuum Autolader with Indicator
07. Auto-Cleaning Loader
08. Vacuum Autolader with Electric Sens
09. Suction Box with Stop-Valve
10. 1.5" Heat-Resistant Steel Pipe
11. 2" Heat-Resistant Steel Pipe
12. Chiller (Water Cooling Type)
13. Pump with High-Pressure
14. Chilling Water Tank by SUS 304
15. Dehumidifier for Molds (A/C)
16. Material Storage Tank
17. Cooling Tower
18. Pump for Cooling Tower
19. Conveyor
20. PET preform Storage Tank

Bottle Preform Diameter_Specification

PET Preform (Φ28-30mm)

Volume	Cavity	Weight(g)	Machine(Tons)	Dehumidifier(m³/hr)
350cc	16	15	220	600(200)
	32	15	420(420S)	1000(300)
	48	15	420L(420)	1500(400)
600cc	16	18	220	600(200)
	32	23	420L(420S)	1500(600)
	48	25	420LL(420)	2000(800)
1000cc	8	28	220	600(200)
	16	32	220L(220)	1000(400)
	32	32	420L(420S)	2000(600)
1500cc	8	36	220	600(200)
	16	42	220L(220)	1000(400)
	32	42	420LL(420)	2000(800)
2000cc	8	56	220L(220)	800(300)
	16	72	420L(420)	2000(600)

PET Preform (Φ48mm)

Volume	Cavity	Weight(g)	Machine(Tons)	Dehumidifier(m³/hr)
5L	4	85	220S	600(200)
	8	85	220L(220)	1000(400)
	16	85	420L(420)	2000(600)

PET Jar (Φ63-120mm)

Volume	Cavity	Weight(g)	Machine(Tons)	Dehumidifier(m³/hr)
63mm	4	35	220S	300(100)
	8	35	220S	400(200)
90mm	4	65	220	400(200)
	8	65	320	800(300)
120mm	4	115	220	800(300)
	8	115	420(420S)	1500(600)

Model		HR-150 PET	HR-220S PET	HR-220 PET	HR-220L PET	HR-220LL PET	HR-320 PET	HR-420S PET	HR-420 PET	HR-420L PET	HR-420LL PET	HR-520 PET	HR-520L PET		
Injection Unit	Item	Unit	NWZ-150 PET	NWZ-220S PET	NWZ-220 PET	NWZ-220L PET	NWZ-220LL PET	NWZ-320 PET	NWZ-420S PET	NWZ-420 PET	NWZ-420L PET	NWZ-420LL PET	NWZ-520 PET	NWZ-520L PET	
	Screw Dimension	mm	50	50	62	70	80	70	70	80	90	105	90	105	
	L/D	mm/mm	23	23	23	23	23	23	23	23	23	23	23	23	
	Injection Pressure	kg/cm ²	1612	1612	1530	1544	1565	1544	1544	1565	1580	1444	1580	1444	
	Shot Volume	cm ³	441	441	845	1269	2009	1269	1269	2006	2871	3722	2671	3723	
	Shot Weight (PET)	g	491	491	940	1412	2236	1412	1412	2236	2972	4142	2972	4142	
	Shot Weight (PET)	oz	17.3	17.3	33.1	49.7	78.7	49.7	49.7	78.7	104.7	145	104.7	145	
	Injection Rate	cm ³ /sec	254	254	336	397	519	397	397	519	611	794	611	794	
	Clamping Unit	Clamping Force	Tones	150 (200)	220 (300)	220 (300)	220 (300)	220 (300)	320 (400)	420 (500)	420 (500)	420 (500)	420 (500)	520 (600)	520 (600)
		Tie Bar Distance(HxV)	mm	505x505	555x555	555x555	555x555	555x555	610x610	710x710	710x710	710x710	710x710	810x810	810x810
Opening Stroke		mm	425	485	485	485	485	615	736	736	736	736	835	835	
Mold Thickness		mm	130~530	240~700	240~700	240~700	240~700	240~700	250~800	250~800	250~800	250~800	280~900	280~900	
Mold Platen (HxV)		mm	715x715	815x815	815x815	815x815	815x815	920x920	1070x1070	1070x1070	1070x1070	1070x1070	1190x1190	1190x1190	
Ejector Stroke		mm	145	180	180	180	180	180	210	210	210	210	225	225	
Others	Mold Hole	mm	100	100	100	100	100	120	150	150	150	150	150	150	
	Pump Motor	HP	40	40	50	60	80	60	60	80	100	115	100	115	
	Number of Heating Zones	Zones	5	5	5	5	5	5	5	6	6	7	6	7	
	Total Heating Wattage	kW	13	13	16	24.4	30.2	24.4	24.4	30.2	40.5	48.4	40.5	48.4	
	System Pressure	kg/cm ²	140	140	140	140	140	140	140	140	140	140	140	140	
	Oil Capacity	L	430	430	580	680	870	680	680	870	960	1150	960	1150	
	Machine Dimension (LxWxH)	m	5.8x1.4x2	6.3x1.6x2.1	6.9x1.6x2.1	7.3x1.7x2.2	7.8x2x2.3	8x1.7x2.2	8.2x1.9x2.3	8.4x2x2.3	8.9x2x2.4	9.5x2.1x2.4	9.4x2x2.4	9.9x2.1x2.4	
	Machine Weight	Tons	6.6	8.3	9.1	9.6	10.8	13.2	17	19	21	23	25	30	