

Variety, equipment scheme

Line number		L1	L2	L3	L5	L6	L8	L7	L9	Total
Variety Program	Variety range	100-250D	100-250D	Bottle spinning 150-300D	bottle spinning 75-150D	50-75D	50-75D	75-150D	75-150D	
	typical product	100D/36 150D/48	100D/36 150D/48	300D/96	150D/48, 96	50D/72, 75D/72	50D/72, 75D/72	100-150D/144	100-150D/144	
Process plan		Chips spinning, single jet, side quench	Chips spinning, single jet, side quench	Bottle spinning, single jet, side quench	Bottle spinning, single jet, side quench	Chips spinning, DIO components, EVO quench	Chips spinning, DIO components, EVO quench	Chips spinning, single jet, double row EVO quench	Chips spinning, single jet, double row EVO quench	
Device scheme (main config.)	Gauge (distance)	1100	1100	1600	1600	1440	1440	1450	1450	
	Spinneret Diameter	95	95	95	95	104	104	105	105	
	Spinning position of each thread	2	8	8	6	8	8	6	6	
	Winders number per line (WINGS-1800/12)	2	8	8	6	16	16	6	6	68 winders in use, 5 winders in reserve
	Ends per position	8	8	12	12	24	24	12	12	
	Silo	10m ³		20m ³		20m ³		20m ³		
	crystallizer	0.4t/hr		1.5t/hr fluidized bed for bottle flakes		1.0t/hr slice fluidized bed		1.0t/hr slice fluidized bed		
	dryer			1.5t/hr		1t/hr		1t/hr		
	Extruder	Φ 90	Φ 160	Φ 160	Φ 160	Φ 135	Φ 135	Φ 135	Φ 135	
	Boiler	600	800	800	800	800+600	800+600	800+600	800+600	
	filter	PF2T-4.0	PF2T-4.0	Reuse old PF412/7	Reuse old PF412/7	PF2T-2.34B	PF2T-2.34B	PF2T-2.34B	PF2T-2.34B	
	Blowing area dimension	1050 × 1380	1050 × 1380	1490 × 1400	1490 × 1200	Φ 104 × 165	Φ 104 × 165	Φ 100 × 165	Φ 100 × 165	
	Metering Pump Specifications	8 × 4.5	8 × 4.0	12 × 5.0	12 × 3.0	12 × 1.8	12 × 1.8	12 × 3.0	12 × 3.0	
Oil Pump Specifications	12 × 0.12	12 × 0.12	12 × 0.20	12 × 0.10	24 × 0.05	24 × 0.05	12 × 0.10	12 × 0.10		