primotech™
SINGLE-STAGE INCUBATION

0.6°

Our premier trolley-based system for single-stage operation with a range of trays and capacities up to **162,432 eggs.** Designed for hatcheries that require the ultimate in sophisticated control with highly efficient performance. Equipped with our PLC-based Eclipse™ control that can be operated manually or in fully automatic mode, with a 20-stage program facility allowing the user to fine-tune the incubation process.

Each trolley positioned perpendicular to the airflow creates a homogenous embryonic environment

- Unique cabinet design using fire-rated PIR panels, with air-tight doors, belt apertures and dampers for the fastest 'unassisted' warm-up times in incubation.

- Stainless-steel paddle frame with variable speed and bi-directional fan blades. With automated forward and reverse facility to achieve ultimate control of temperature bandwidth.

- Individual trolley turning actuators and alarm detection provides continuous and accurate monitoring of the egg turning process.

- The multi-zone system provides each section with 3-stage cooling and water flow output for maximum efficiency and temperature control.

- Four hairpin electric heater elements mounted on each paddle frame provides 6kW (setters) of rapid heating.

- Fascia panel allows easy access to the system's control panel, including cooling and humidity solenoids, solid state heating, and fan speed controller.

- Most bio-secure incubator in the industry.

The PrimoTech™ hatcher range has many standard features only offered as upgrades by most suppliers. The fully insulated stainless-steel interior walls and paddle fan system being two such examples.

Hatchers are available in multiple dolly configurations with a wide range of basket types including the Eurobox. All machines utilise our unique interlocking PIR panel construction with a fire rated thermal insulation core.

STANDARD
CAPACITIES
& DIMENSIONS

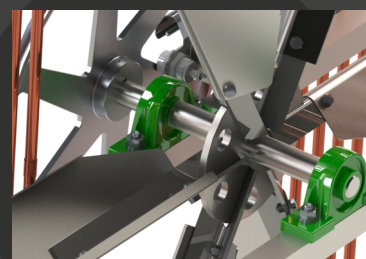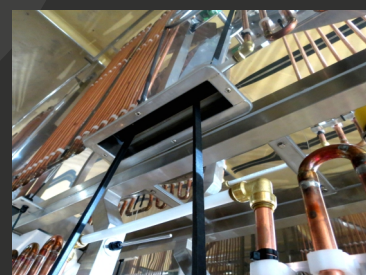| SETTER MODEL	TRAY (STACK HEIGHT) & CAPACITY					
	54(16)	82(17)	132(18)	150(16)	150(18)	165(16)
PT2	10,368	11,152	9,504	9,600	10,800	10,560
PT4	20,736	22,304	19,008	19,200	21,600	21,120
PT6	31,104	33,456	28,512	28,800	32,400	31,680
PT8	41,472	44,608	38,016	38,400	43,200	42,240
PT12	62,208	66,912	57,024	57,600	64,800	63,360
PT18	93,312	100,368	85,536	86,400	97,200	95,040
PT24	124,416	133,824	114,048	115,200	129,600	126,720

Other trays are available including: 36, 73, 84, 126, 140 and Max94 (see next page).
16 stack is available for the 82 tray. 17 & 18 stack is available for the 54 and 165 tray.

HATCHER MODEL	TRAY (STACK HEIGHT) & CAPACITY					
	54(16)	82(17)	132(18)	150(16)	150(18)	165(16)
PTH64	10,368	-	-	9,600	-	10,560
PTH72	-	-	9,504	-	10,800	-
PTH128	20,736	-	-	19,200	-	21,120
PTH136	-	11,152	-	-	-	-
PTH144	-	-	19,008	-	21,600	-
PTH192	31,104	-	-	28,800	-	31,680
PTH204	-	16,728	-	-	-	-
PTH216	-	-	28,512	-	32,400	-
PTH272	-	22,304	-	-	-	-
PTH408	-	33,456	-	-	-	-

Please request individual data sheets for dimensions. 15 stack models also available.

SETTER MODEL	DEPTH		WIDTH				HEIGHT	
	54/132/150(18)/165	82/150(16)	82/150(16)	132	150(18)	54/165	16 STACK	17 STACK
PT2	1,750	1,950	1,840	1,695	1,790	1,995	2,844	3,000
PT4	1,750	1,950	3,210	2,920	3,110	3,440	2,844	3,000
PT6	2,450	2,700	3,210	2,920	3,110	3,440	2,844	3,000
PT8	3,450	3,750	3,210	2,920	3,110	3,440	2,844	3,000
PT12	4,850	5,300	3,210	2,920	3,110	3,440	2,844	3,000
PT18	7,250	7,950	3,210	2,920	3,110	3,440	2,844	3,000
PT24	9,650	10,550	3,210	2,920	3,110	3,440	2,844	3,000

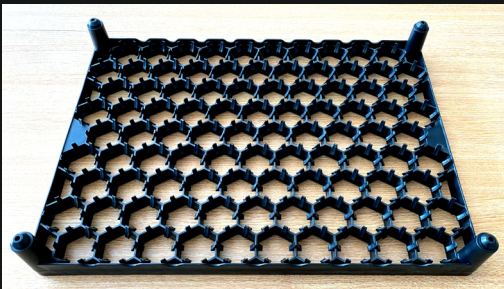All 16 stack models are 2844mm high, except the 150(16) which is 3000mm.

primotech Max 94

FEATURES, DIMENSIONS & CAPACITIES

Built from the PrimoTech thermal platform, the Max94 has arguably the most manageable tray on the market developed to fulfil every criteria required by today's poultry professionals. The 94 tray is available with or without stacking pillars, the latter of which can be stacked 18 high to achieve a capacity up to 162,432 eggs per setter. Performance is maintained at the higher density due to the PrimoTech's enhanced air velocity and cooling system.

The tray is perfect for any size of operation, and with the reduced cost per egg is more affordable than standard tray systems. Savings are made from reducing the amount of machines to achieve the same set capacity, while reducing valuable building space.

ERGONOMICS: Very easy to handle tray with the weight of only 94 eggs.

AUTOMATION: Bi-symmetrical design means no issues at transfer or when loading trolleys.

HYGIENE: Designed for sanitation and ease of cleaning.

EGG SECURITY: Cradle profile that is designed for various egg sizes.

MAX94 BASKET: Complements the 94 tray and is ideal for automated processes with two trays per basket.

TRIED & TESTED DESIGN: Chick friendly and designed for longevity due to its strength and resistance.

MAX94 CAPACITIES & DIMENSIONS

SETTER	16 STACK	17 STACK	18 STACK
PT2	12,032	12,784	13,536
PT4	24,064	25,568	27,072
PT6	36,096	38,352	40,608
PT12	72,192	76,704	81,216
PT18	108,288	115,056	121,824
PT24	144,384	153,408	**162,432**

DIMENSIONS (MM): **HEIGHT:** 3117 **WIDTH:** 3250 (PT2: 1900)
DEPTH: PT2 (2147), PT4 (2147), PT6 (3079), PT12 (5830), PT18 (8674), PT24 (11,470)

HATCHER	#DOLLYS	#BASKETS	CAPACITY
PTH64	2	64	12,032
PTH68	2	68	12,784
PTH72	2	72	13,536
PTH128	4	128	24,064
PTH136	4	136	25,568
PTH144	4	144	27,072
PTH192	6	192	36,096
PTH204	6	204	38,352
PTH216	6	216	**40,608**

DIMENSIONS (MM): **HEIGHT:** 3117 **WIDTH:** 3440 (PTH64-72: 1955)
DEPTH: PTH64-144 (2100), PTH192-216 (3060)