

# primotech™

## SINGLE-STAGE INCUBATION

Our premier trolley-based system designed for hatcheries that require the ultimate in sophisticated control, efficiency and performance.



The PrimoTech™ comes fully equipped to the highest specification as standard, ensuring it performs to the maximum potential from day one. The paddle fan system and the hatcher's stainless steel interior walls being two such examples.

The setters and hatchers are available in multiple trolley and dolly configurations, with a wide range of trays and baskets including the Eurobox.



- Equipped with our PLC based Eclipse™ control with a 20-stage program allowing the user to fine-tune the incubation process.
- All machines utilise EmTech's unique metal interlocking panel construction with a fire-rated thermal insulation core.
- Includes airtight doors, belt apertures and dampers for the fastest 'unassisted' warm-up times in incubation.
- A single trolley each side of the fan, perpendicular to the airflow, ensures a homogenous embryonic environment.
- Stainless steel paddle frame with variable speed and bi-directional fan blades achieve ultimate control of temperature bandwidth.
- Dual cooling system provides each section with 3-stage cooling and water flow output for maximum efficiency and temperature control.
- Four hairpin electric heater elements mounted onto each paddle frame provides 6kW (setters) of fast heating.
- Individual trolley turning and alarm detection for continuous and accurate monitoring of the turning process.
- Fascia panel allows easy access to the system's controls, including solenoids, solid state heating and fan speed.

THE MOST BIO-SECURE INCUBATOR IN THE INDUSTRY!

**'zeropointsix'**  
performance

# primotechMax 94

## Features, dimensions & capacities

The Max94 setter tray and basket have been developed to fulfil every criteria required by today's poultry professionals. Two tray types are 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.



The Max94 **adapts the air velocity and cooling** in proportion to the increase in capacity to maintain performance at such high density. The tray is perfect for any size of operation, and with the reduced cost per egg is more affordable than other tray systems.

Savings would be made from reducing the amount of machines to achieve the same set capacity as standard tray systems, as well as saving valuable building space.

**Ergonomics:** Extremely easy to handle with the weight of only 94 eggs. Designed for longevity due to its strength and resistance.

**Automation:** Bi-symmetrical design meaning no issues at transfer or when loading trolleys.

**Hygiene:** Designed for ease of cleaning and sanitation.

**Egg Security:** Cradle profile designed for various egg sizes.

**Max94 Basket:** Compliments the 94 tray and is ideal for automated processes with two trays per basket.

**Tried and Tested design:** Easy to handle, hard wearing and chick friendly.

### CAPACITIES & DIMENSIONS

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

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

**DIMENSIONS (MM): HEIGHT:** 3117 **WIDTH:** 3440 (PTH64-72: 1955)

**DEPTH:** PTH64-144 (2100), PTH192-216 (3060)



SETTER MODEL	CAPACITY (STACK HEIGHT)					
	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 chicken and game bird trays available including: 36, 73, 84, 126, 140 and Max94  
16 stack models available for 82 tray, and 17 stack available for 54, 73 and 165 tray

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

Note: All 16 stack models 2,844mm high, except the 150(16) which is 3,000mm.

HATCHER MODEL	CAPACITY (STACK HEIGHT)					
	54(16)	82(17)	132(18)	150(16)	150(18)	165(16)
PTH64	10,368	N/A	N/A	9,600	N/A	10,560
PTH72	N/A	N/A	9,504	N/A	10,800	N/A
PTH128	20,736	N/A	N/A	19,200	N/A	21,120
PTH136	N/A	11,152	N/A	N/A	N/A	N/A
PTH144	N/A	N/A	19,008	N/A	21,600	N/A
PTH192	31,104	N/A	N/A	28,800	N/A	31,680
PTH204	N/A	16,728	N/A	N/A	N/A	N/A
PTH216	N/A	N/A	28,512	N/A	32,400	N/A
PTH256	N/A	N/A	N/A	N/A	N/A	N/A
PTH272	N/A	22,304	N/A	N/A	N/A	N/A
PTH384	N/A	N/A	N/A	N/A	N/A	N/A
PTH408	N/A	33,456	N/A	N/A	N/A	N/A



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