primotech™

SINGLE-STAGE INCUBATION

Our premier single-stage setters and hatchers with a range of trays and capacities from 9,072 to 162,432 eggs. Designed for hatcheries that require sophisticated PLC based control coupled with highly efficient performance.



One trolley each side of the fan at right-angles to the airflow ensures a homogenous embryonic environment



'zeropointsix' performance



FEATURES

- Unique cabinet design using fire-rated panels, with air-tight doors, belt apertures and dampers for the fastest 'unassisted' warm-up times in incubation.
- Stainless steel paddle frame with bi-directional variable speed fan blades with automated forward and reverse facility to achieve ultimate control of temperature bandwidth.
- Dual cooling system provides each section with three stage cooling and water flow output for maximum energy efficiency and temperature control.
- Equipped with our premier PLC based **Eclipse**™ control that can be operated manually or in full automatic mode. With 20-stage powerful and flexible program facility allows the user to fine-tune the incubation process to their requirements.
- Four hairpin electric heater elements mounted onto each paddle frame providing 6kW (setters) of fast heating.
- Most bio-secure incubator in the industry.
- Individual trolley turning and alarm detection provides continuous and accurate monitoring of the tray turning process.
- Fascia panel allows easy access to the system's control panel, cooling and humidity solenoids, solid state heating and fan speed controller.



The **PrimoTech™ hatcher** range has many standard features only offered as extras by other suppliers. The fully insulated stainless steel interior walls and the paddle fan system being two such examples. Available in multiple dolly configurations with a wide range of basket types including the Eurobox.

All hatchers utilise our unique metal interlocking panel construction with a fire rated thermal insulation core.



max94

The **Max94** adapts the air velocity and cooling in proportion to the increase in capacity the **94 tray** provides, enabling it to perform at such high density.

EmTech made its reputation in the industry by re-examining every aspect of the incubation process and implementing the latest design ideas. From the construction of the incubator cabinets, to the turning, water, air and control systems.

This is how we arrive at 0.6°C temperature bandwidth throughout the entire egg mass, for the shortest hatch window and perfectly conditioned chicks.

Another major advantage of the Max94 system would be savings made from reducing the amount of machines to achieve the same set capacity as other systems, not to mention the savings in valuable building space!

PrimoTech Max94 Capacities

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**

SETTER 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**

HATCHER DIMENSIONS (MM): HEIGHT: 3117 **WIDTH:** 3440 (PTH64-72: 1955)
DEPTH: PTH64-72 (2100), PTH128-216 (3440)

emtech HATCHERY SYSTEMS

EmTech Hatchery Systems, Mill Lane, Lopen, South Petherton, Somerset, TA13 5JS, UK
Tel: +44 (0)1460 240255 • sales@emtech-systems.com • www.emtech-systems.com

primotech™

SINGLE-STAGE INCUBATION

CAPACITIES & DIMENSIONS

SETTER MODEL	CAPACITY (STACK HEIGHT)					
	73(16)	82(17)	132(18)	150(16)	150(18)	165(16)
PT2	9,344	11,152	9,504	9,600	10,800	10,560
PT4	18,688	22,304	19,008	19,200	21,600	21,120
PT6	28,032	33,456	28,512	28,800	32,400	31,680
PT8	37,376	44,608	38,016	38,400	43,200	42,240
PT12	56,064	66,912	57,024	57,600	64,800	63,360
PT18	84,096	100,368	85,536	86,400	97,200	95,040
PT24	112,128	133,824	114,048	115,200	129,600	126,720



Other chicken and game bird trays available including: 36, 54, 84, 126, 140 and Max94
16 stack models available for 82 tray, and 17 stack available for 73 and 165 tray

SETTER MODEL	DEPTH		WIDTH				HEIGHT	
	73/132/150(18)/165	82/150(16)	73/82/150(16)	132	150(18)	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)					
	73(16)	82(17)	132(18)	150(16)	150(18)	165(16)
PTH64	N/A	N/A	N/A	9,600	N/A	10,560
PTH72	N/A	N/A	9,504	N/A	10,800	N/A
PTH128	9,344	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	14,016	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	18,688	N/A	N/A	N/A	N/A	N/A
PTH272	N/A	22,304	N/A	N/A	N/A	N/A
PTH384	28,032	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.

emtech HATCHERY SYSTEMS

EmTech Hatchery Systems, Mill Lane, Lopen, South Petherton, Somerset, TA13 5JS, UK
Tel: +44 (0)1460 240255 • sales@emtech-systems.com • www.emtech-systems.com