

Leaflet

# HatchTech 88 Setter Tray

In hatcheries, the setter tray is a piece of equipment that is constantly used by people and/or machines every day. The HatchTech 88 Setter Tray makes it possible to maximize performance all around: it holds 88 eggs, has an very high egg/m<sup>2</sup> capacity, handles very easily and is perfectly suited for high-speed automation. Most important of all, it is specially designed to deliver ideal airflow to every single egg.

#### • Uniform airflow

- Easy handling
- Perfect for automation

#### Designed for uniform airflow

In order to achieve superior chick quality, it is necessary that the embryo temperature is kept at an optimum level. To achieve this, the flow and velocity of air round the eggs needs to be fully controlled. The HatchTech 88 Setter Tray is specially designed to maximize the surface area of the egg that is exposed to the airflow. In the HatchTech 88 Setter Tray, the egg is cradled by six support points which hold the eggs higher in the tray. Together with the four curved sides of the housing, this exposes the maximum egg surface to airflow. The result is that transfer

of heating and cooling to the eggs is more efficient, and the embryo temperature is perfectly controlled.

#### Highest eggs per m<sup>2</sup>

Something else that sets the HatchTech 88 Setter Tray apart from traditional setter trays is the unique, patented honeycomb structure of the grid. This design makes it possible to house 4,725 eggs per m<sup>2</sup> – more than any other tray on the market today. More eggs per m<sup>2</sup> means that less area is necessary, which results in lower building and maintenance costs.





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## One tray fits all egg sizes!

Thanks to the specially shaped egg housing, the HatchTech 88 Setter Tray can be used for hatching eggs of all sizes – from 40g to 75g. Even the smallest eggs nestle securely against the support points underneath, while the four curved sides give large eggs extra stability and keep them from coming into contact with each other. Airflow through the eggs is maintained in even the largest eggs.

### Extra support, extra security

Unlike other setter trays, The HatchTech 88 Setter Tray has six support points instead of four. This gives better, more secure support to small eggs and helps prevent cracks in eggs of all sizes, especially when transporting eggs from the breeder farm to the hatchery.

### Easy handling

The HatchTech 88 Setter Tray houses more eggs per m<sup>2</sup> than any other. The tray is very durable and easy to handle. This is particularly beneficial to personnel in hatcheries that are manually or semi-automatically operated. Since the physical burden of handling the trays is less, employees can work more quickly and logistics are improved. Other user-friendly design elements include the lack of sharp edges which can hurt hands or damage eggs, and stacking ridges that make it easy to securely stack and store trays.





# Perfect for automation

The HatchTech 88 Setter Tray is made out of a durable, high-quality material. Thanks to the stiffness of the material, the setter tray has high dimensional stability and will never sag when loaded. This helps prevent cracks in eggs, and prolongs the setter tray's lifespan.

The HatchTech 88 Setter Tray has the same number of egg spaces on both ends of the tray. In automated processes there is no need to make sure the proper side goes in first.

The HatchTech 88 Setter Tray is ideal for high speed in ovo injection. The dimensional stability and extra support points prevent eggs from rolling and keeps even the small eggs securely in place. Eggs do not extend below and stay secure. The needle will enter the correct location in every egg, which results in a 15% more faster automation process.

### **Technical specifications**

Capacity: 88 eggs

Dimensions  $(I \times w \times h)$ : 626  $\times$  305  $\times$  42,8 mm

Stacking height: 34,3 mm



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