


# FIBERSMITH TECHNOLOGY

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## FST Technical Egg Tray Mould Description and Specification

### A. SUCTIONS MOULDS

	<b>ITEMS</b>	<b>MATERIAL</b>	<b>PROCESS</b>	<b>TEHCNICAL DESCRIPTION</b>
<b>1</b>	<b>SUCTION TOP (product profile)</b>	<b>ALUMINIUM</b>	<b>DOUBLE SIDE MACHINING</b>	<p>1. Split into 14 tops for better net fixation and easy maintenance. Wire mesh used of European standard. Standard diameter of suction/blow holes drilled with control distance between each hole to ensure sufficient suction and blow.</p>  <p>2. Gap between suction and transfer follow European standard for good product forming.</p>
<b>2</b>	<b>SUCTION BASE</b>	<b>ALUMINIUM</b>	<b>MACHINE TO FINISH SIZE</b>	Easy assembly method between suction top and base with high accuracy.
<b>3</b>	<b>BOUNDARY PLATE</b>	<b>ALUMINIUM PLATE</b>	<b>MACHINE TO FINISH SIZE</b>	Mounted by SUS M8 Cap Screw for strong and rigid fixation.
<b>4</b>	<b>NET TOOLS</b>	<b>POM-C /ALUMINIUM</b>	<b>NET FORMING</b>	To form net according to suction top profile for tight fit to suction tops for better forming of the products during suction.

### B. TRANSFER MOULDS

	<b>ITEMS</b>	<b>MATERIAL</b>	<b>PROCESS</b>	<b>TEHCNICAL DESCRIPTION</b>
<b>1</b>	<b>TRANSFER</b>	<b>POM - C</b>	<b>DOUBLE SIDE MACHINING</b>	<p>1. Stable material with smooth surface finish for good transferring process.</p> <p>2. Gap between suction and transfer follow European standard for good product forming</p>

**2**

**TRANSFER BASE**

**ALUMINIUM**

**MACHINE TO FINISH  
SIZE**

Mounted to transfer using SUS M6 Cap screw and E-Nut for strong mounting instead of self threading screw. This method will prevent assembly problems during maintenance process.