

SPDEF Skewer Machine



Paddle skewers are gaining popularity due to their convenient grip and the touch of elegance they add to the presentation.

The **SPDEF skewer machines** allow you to create skewers that faithfully replicate the appearance of handmade ones, using various types of meat, fish, soft cheeses, vegetables, fruit, and alternative proteins. **The products can be used fresh, marinated, or at low temperatures.**

The SPDEF model skewer machines use paddle skewers that can be **loaded in bulk**—properly oriented—into the two loading hoppers without interrupting machine operation. **The tips of the skewers can remain inside the product or protrude**, depending on the extraction system used to remove the products from the molds.

You can use paddle skewers that are 150 mm and 180 mm long, or 210 mm and 250 mm long, but custom solutions are also available. **The same machine is also compatible with round skewers**, provided they have an appropriate diameter and equivalent length.

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Productivity ranges from **2,400 to 3,600 skewers per hour**, depending on the machine specifications and the type of product.

To optimize productivity and minimize waste, all models are equipped with a control device that checks for the presence of skewers in the feed slots.

The presence of a **pre-piercing head** allows for the processing of particularly dense products, such as beef, meats chilled to a few degrees below zero, or pre-cooked foods like octopus or similar items.

The pre-piercing head, which operates in sync with the insertion of the skewers, facilitates their guidance and ensures they are inserted perfectly.

The **molds, which are customized for each product**, can be **easily removed for replacement and cleaning**. In addition, the machine's design makes **sanitization easy and effective**.

The SPDE skewer machine stands out for its **modular design**, which allows for **flexible implementation** based on different production needs. Thanks to this modularity, it is possible to configure **loading areas with lengths of 1.5, 3, 4.5, or 6 meters**, adapting them to the complexity and size of the skewers, as well as to the speed at which operators position the products. Furthermore, the **brushless motor** ensures extremely **precise and repeatable positioning of the molds in the skewer insertion zone**, whether pre-pierced or not.

The electrical control panel, equipped with a PLC and touchscreen, features a device that allows **connection** both to the **company's management software**—which is useful for **monitoring productivity** and other functions—and to our **remote technical support service**.

