

**stanok**

via Liguria 34/18 - 20068 Peschiera Borromeo (Mi) - Italy  
telefono +39 02.55.30.58.59 - fax +39 02.51.68.71.39  
[www.stanok.it](http://www.stanok.it) - [info@stanok.it](mailto:info@stanok.it)

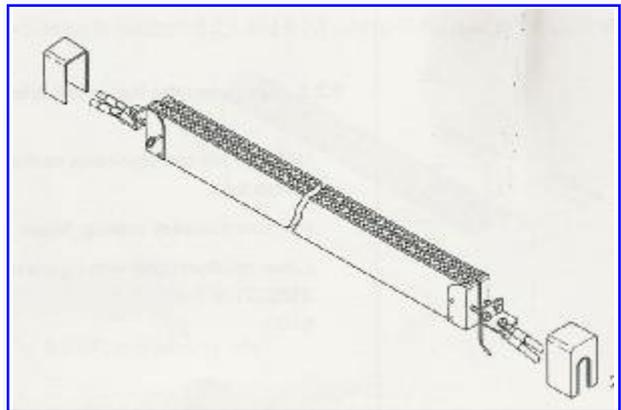
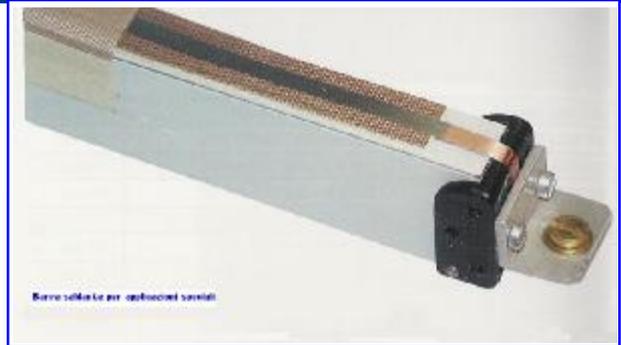
**sta  
nok**  
packaging machinery

## SEALING BARS

Thermal pulse sealing is a method for joining thermoplastic films. The sealing rail is equipped with a flat heating strip, for this purpose. Insulating fabric is applied to the rail body. The heating strip, which is elastically fixed to the ends of the rail, is stretched over it and electrically insulated. The heating strip is covered with a heat-resistant non-stick coating, which prevents the films to be sealed from adhering to the heating strip. During the sealing process, the sealing rail is pressed on to the films to be sealed. The heating strip is then heated by an adjustable current pulse. The increase in temperature of the heating strip heats the films to melting temperature and seals the latter together. When the current flow ceases (=pulse time), the heating strip and sealing seam are able to cool down. The accumulated heat is dissipated through the insulating layer into the rail body. The rails cannot be used independently. An electrical control unit, a pulse generator adapted to the rails, in addition to a raising and pressure mechanism are required in order to operate the sealing rails.

Take advantage of our know-how! Our designers will be pleased to cooperate with you in devising a solution for your specific application. You will receive sealing rails, pulse generators, cables and switches for your particular application.

We can supply you sealing rails of up to 3,500 mm in length for installation by the customer. The sealing rails can be equipped with the most diverse types of heating rail. The pulse generator output required depends on the length of the sealing rail. The sealing rails are installed in palletising packing systems of well known manufacturers.



## TECHNICAL DATA

### SEALING BARS

Sealing length (mm)  
Connection

from 300 to 3500  
230V-50/60 Hz

