

BAR MACHINE



BaR 100: production line

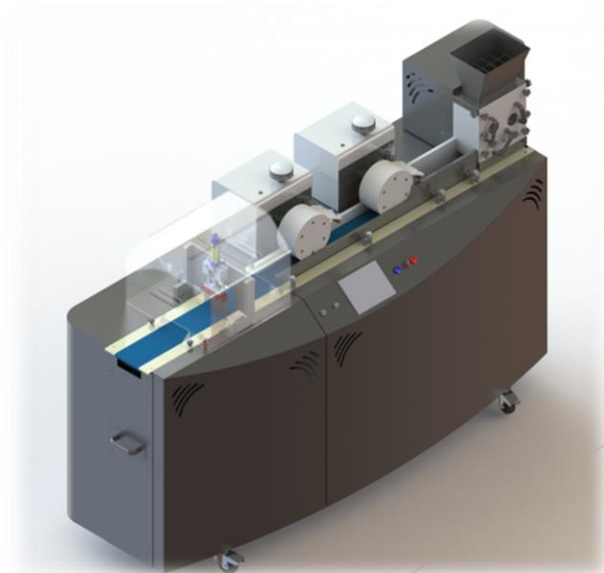
- DSC S.r.l. designs and develops different machines and lines for the production of bars. Our flexibility in the construction of such plants allows us to meet the many different customer requirements based on recipe, shape and weight of the finished product.
- Production processes differ depending on the nature of the recipe and the composition. We therefore identify two methods for making bars: **by extrusion process and by lamination process.**



BaR 100: production line

The BaR 100 is a compact machine ideal for bar production.

It is set up to operate by extrusion or lamination process and is complete with a bar end cutting element.



BaR 100: production processes

Extrusion process

- ▶ Suitable for making bars with soft, generally cold-processed dough.
- ▶ Made from a mix of soft paste (dates, figs, apricots, etc.) that can be supplemented with crunchy elements such as nuts, grains (hazelnuts, almonds, pistachios, peanuts, etc.) or cocoa and/or protein elements (natural or synthetic). Extruded spherical inclusions such as rice, cereals, pulses, etc. can be included.



BaR 100: production processes

Lamination process

- ▶ Suitable for bars production with a less ductile and generally hot-worked dough with the addition of binders.
- ▶ Composed of a mix of crunchy elements such as: granola, dried fruits (hazelnuts, almonds, pistachios, peanuts, etc.), cocoa. Protein elements (natural or synthetic), fruit pastes or elements (dates, raspberries, apricots, etc.), extruded spherical inclusions (rice, cereals, legumes, etc.)



BaR 100: three configurations

The Bar 100 is available in three configurations:

- BaR L-100 : machine operating by **lamination** process
- BaR E-100 : machine operating by **extrusion** process
- BaR EL-100 : machine operating with both **extrusion and lamination** processes

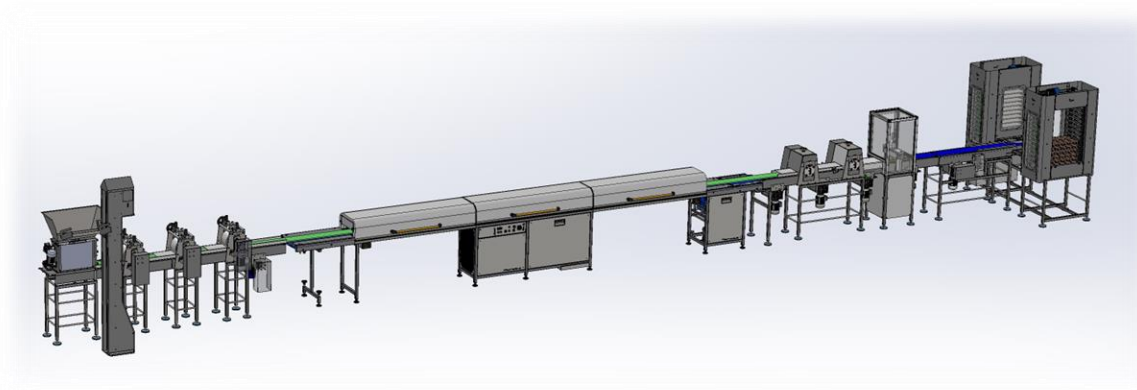


Modular Lines: BaR 100-180-300-400

Modular lines for high and differentiated bar production set up in order to operate by extrusion and/or lamination process.

They present different processes for making and finishing the product to be manufactured.

Bars 100-180-300-400 differ in the width of the production belt. (100mm-180mm-300mm-400mm)



Modular Lines: options and integrations



The insertion of modules is designed according to the different types of bars to be made and according to customer requirements.

DSC can provide the following integrations in order to realise a fully automated line.



- Automatic loading
- Extrusion module
- Lamination module
- Transverse and longitudinal cutting modules
- Ultrasonic cutting
- Coating/temperature modules
- Cooling tunnels
- Baking tunnels
- Integration modules
- Bar handling and distribution systems
- Primary and secondary packaging

Modular Lines





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