SC5

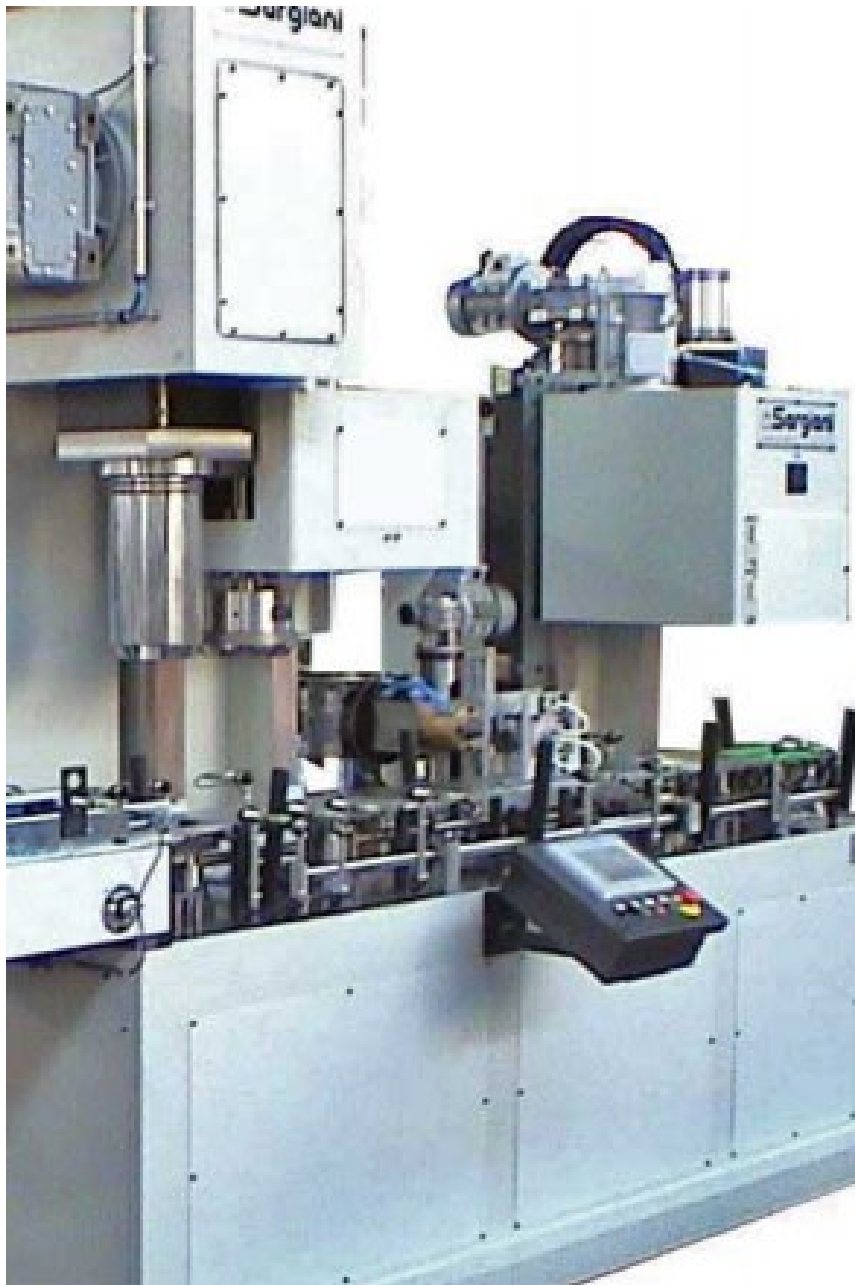## AUTOMATIC COMPACT LINE

The Sargiani body line model "SC 5" represent a line suitable to produce cylindrical cans, is composed of working head, the number of which is in relation to the required can figure. The working functions of the line, controlled by PLC, can be varied by acting on the keyboard with which each machine is provided. Each machine, on special request, can be even equipped with a diagnostic system to detect the faulty operations. The cans are transported throughout the modules by a carriage operated by an INVERTER, controlled by an encoder connected to the PLC. Cans are lifted up into the working heads by hydraulic plates. Different can heights are accepted thanks to the mobility of the working heads along slide rails. A linear transducer assures micrometric positioning of the heads. The various heights are pre-settable directly from the machine control board. Lubrication of working heads and lifting plates is performed by separate oil and grease pump system acted by proper key selector. As optional, a complete automatic system, linked to the diagnostic of faulty operations can be supplied. A linear transducer can be even supplied for the automatic adjustment of the rate of the expansion on the tapering module avoiding all manual interventions. Various positionable working heads for different diameters or can figures can be fitted on the same module frame. The displacement of the working heads along horizontal slide rails is automatically controlled. On the beading station, fully automatic adjustment can be achieved as well, by a particular head design offering the

possibility to alter the bead position along the can height, and the number of beads which can be made. The seaming station can be provided with an optional system to feed piles of tops/bottoms directly from the ground level. Tops with handle and screw necks can be easily fed as well. All these facilities allow fast change-over, dropping-down considerably dead times: Noise reductions, Output increase, Easy maintenance.