

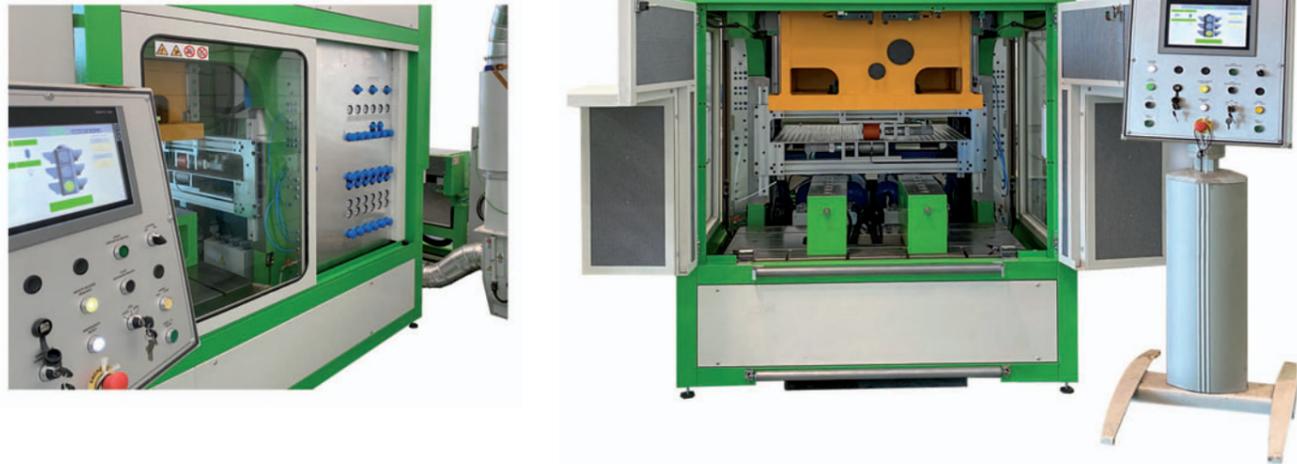
**ALUMINIUM
PAPER**



Press Line and Moulds for Containers

NEW SERVO PRESS TS180

Nuova servo Pressa TS180



The new revolutionary TS180 press has been designed and developed for the production of aluminium and paper food containers, dishes and trays. These products are obtained by blanking and forming of aluminium or paper which has been unwound from a coil.

Servo press is characterized by maximum flexibility, high production rates and short die changeover times. The slide motion curve of the press can be adapted to the forming process, the die and the automation.

The TS180 servo press is a "C"-frame press with an equivalent standard press 180-ton capacity. It has large side frames spaced out to allow the passage of wide aluminium or paper strip. It has the possibility to use two foils at the same time with a special coil. The large working bedplate of the press is equipped with two removable supports with adjustable position to facilitate changing the tools and adapting to the different dimensions of them. This permits the press to use standard tools as well as tools designed with air cylinders below the bottom plate.

The press uses two brushless motors to feed the aluminium or paper strip allowing accurate control of step and speed. The height of the feeding system is electronically adjustable to match the strip height of the tool currently in use on the press.

There are 24 electronic cams (solenoid valves) controlled by a PLC and 12 fixed air connections with pressure regulators, providing easy tool set-up. This large number of air outlets, located on both sides of the press, permits the use of multi-cavity tools.

The TS180 servo press is equipped with eight compressed air tanks and two vacuum outlets. The pneumatic control panel is easily accessible during operation of the press.

The press may be equipped with tools for wrinkled-wall, smooth-wall, or paper container production.

The advantages of the TS180 servo press includes:

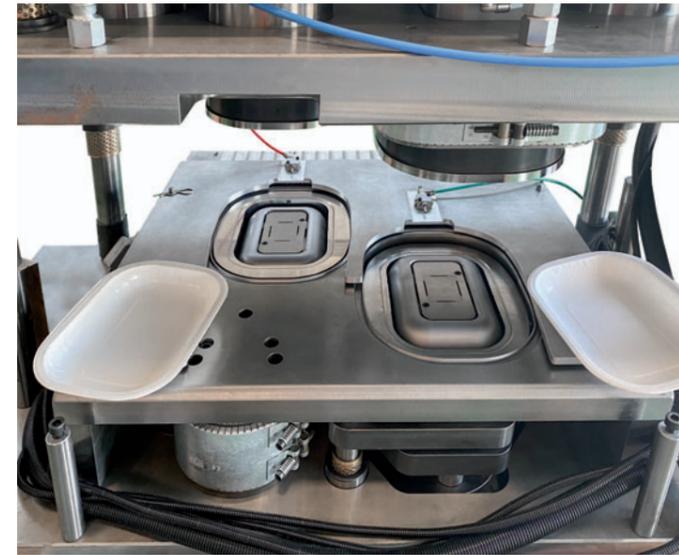
- Good accessibility and easy handling during tool loading and unloading operations.
- Complete visibility while the press is operating.
- The ability to run medium and large size single-cavity and multi-cavity tools.
- The stroke of ram is automatically adjustable, and the height is automatically adjustable to permit use of tools of various shapes and sizes.
- The big advantages of this servo press are:
 - Flexibility in the forming process
 - Slide motion freely programmable
 - Ability to optimize a variety of forming processes
 - Production rates up to 90 Strokes/1'
 - Improved maintainability due to elimination of high maintenance components such flywheel, and clutch.
 - Energy saving



The TS180 servo press complies with all "CE" marking requirements.

NEW MOULDS PAPER DIVISION

Nuovi stampi divisione carta



PATENT NUMBER		
Europe		09760627.1
Usa		9,011,308 B2
India		325963



Mould Paper without rim and with smooth flange and REVERSED curl.

The new flat flange without any rim and the new flat and SMOOTH flange paper containers with the REVERSED rim, permit to seal them perfectly.

They are available in various shapes and they can be produced with different thickness and different kind of paper. They are especially for fresh food use and long-time conservation. They are appreciated for their respect to the environment.

Stampi per carta senza bordo e con bordo liscio e rovesciato.

I nuovi contenitori di carta a flangia piatta senza bordo e con flangia liscia e bordo rovesciato, consentono di sigillarli perfettamente.

Sono disponibili in varie forme e possono essere prodotti con diversi spessori e diversi tipi di carta.

Sono usati specialmente per il confezionamento di prodotti freschi e a lunga conservazione.

Sono apprezzati per il loro rispetto per l'ambiente.

