

# PRODUCTION LINE PR01



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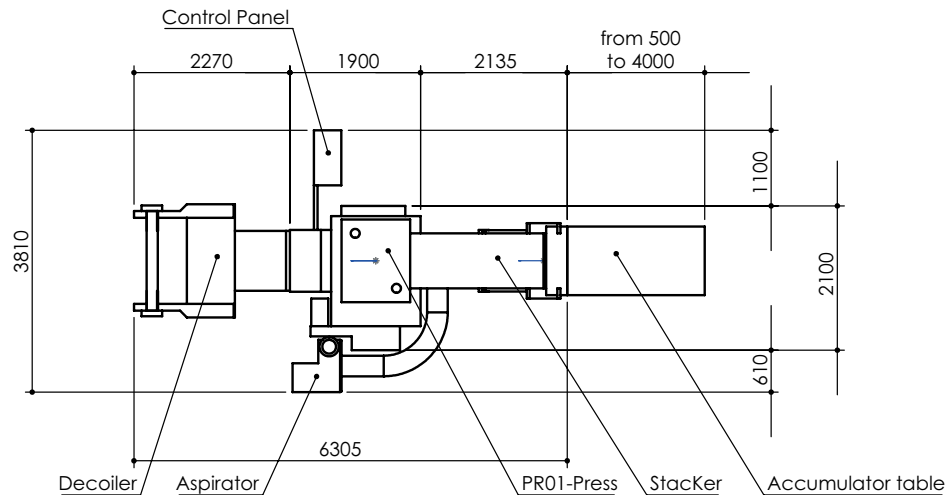
The PR01 press has been designed and developed exclusively for the production of aluminum food containers, dishes and trays. These products are produced by the blanking and forming of aluminum which has been unwound from a coil.

The PR01 Press is a four-column eccentric-shaft press with 50-tons capacity. The rugged construction and built-in lubrication system guarantee high precision and long life. The PR01 has a large bedplate with easy access on three sides.

There are six electronic cams (solenoid valves) controlled by a PLC and four fixed air connections with pressure regulators, providing easy tool set-up. The PLC can hold recipes for several tools in memory, allowing fast tool changes. The stroke and height of the ram are adjustable to match tools of various shapes and sizes.

A brushless motor feeds the aluminum strip, allowing accurate control of step and speed. The height of the feeding system is easy adjustable to match the strip height of the tool currently in use on the press.

The PR01 press complies with all "CE" marking requirements.



Maximum height of the machine 2950mm

## TECHNICAL SPECIFICATIONS

Press Power ( tons)	50
Engine power (Kw)	7.5
Stroke rate	up to 250 mm
Electronic PLC	Siemens or Omron or Allen Bradley
Adjustable speed	Min 40 max 90 strokes per minute
Number of solenoid valve connections with adjustable pressure	6
Number of fixed connections with adjustable pressure	4
Maximum independent cavities possible	2
Foil feeding	Electronically controlled with brushless motor
Feeder level adjustment	Manual
Feeder level from the bed plate	from 180 to 260 mm
Bed plate dimensions	1200 mm x 750 mm
Ram face dimensions	1100 mm x 750 mm
Maximum mould height with ram DOWN adjustment UP	470 mm
RAM adjustment	70 mm
Maximum mould dimensions	700 x 1200
High mould close	350 to 470 mm
Height from the floor to mould side	1250 mm
Maximum press dimension	2100 mm x 1600 mm height 2800 mm
Maximum width of foil passage	870 mm
Total weight	7.500 Kg

Complete production line PR01  
(The line include the following equipments: DECOILER + Press PR01 + MOULD + STACKER + ASPIRATOR + SCRAP PRESS)

- Air consumption (with 4 cavities mould) Max 1800 NI/min
- Installed power (larges loaded) 12,6 A
- Energy consumption ~ 15 Kw / h