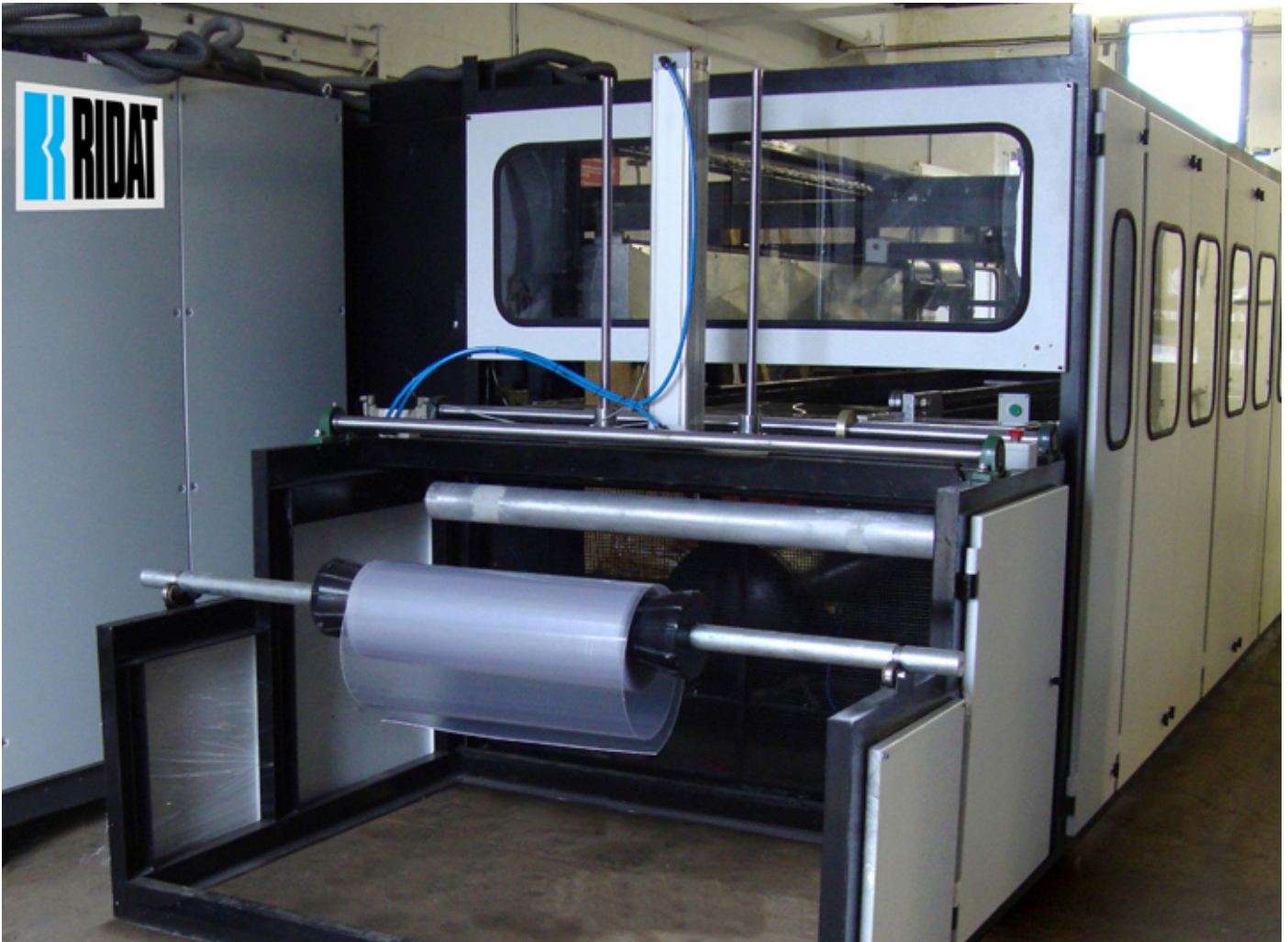




AUTOMATIC LARGE FORMAT THERMOFORMING MACHINES

Models
3024ATF 4848ATF
3035ATF 4848ATF-P



4848ATF Large Format Thermoforming Machine

Automatic Operation

Material is reel fed into a 2-stage heating station and then vacuum formed. The formed sheets are then separated and pushed out by the delivery conveyor.

Accurate Indexing

The material is transported by a spike chain system powered by a servo-drive motor.

Easy Accessibility

Front entry for fitting forming tools and plug moulds offers easy accessibility for maintenance.

Easy Control

User-friendly HMI operator panel for easy setup (prior to automatic operation) Adjustable settings include: heating temperature, index length and speed and timing of other processing variables. After the initial set up, operation is completely automated without the need for any operators, providing the facility for continuous production.

Reliability & Durability

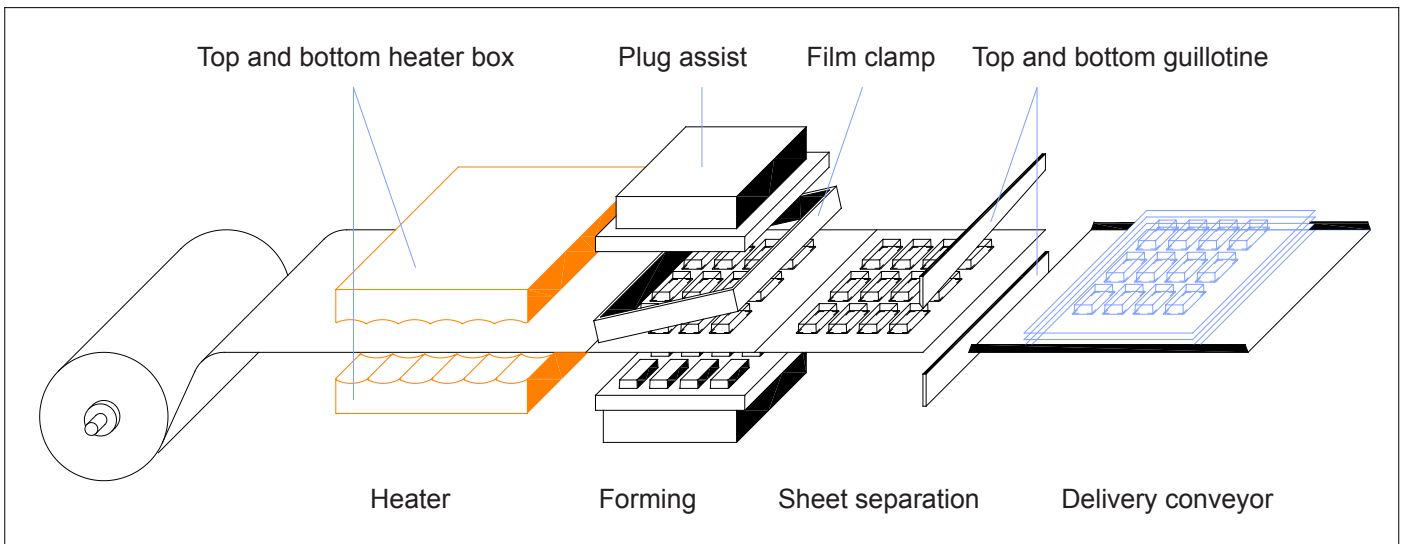
Robustly constructed, the Ridat ATF range of thermoforming machines is durable and proven in multi-shift operation for reliable production.

Safety

Ridat vacuum forming machines are produced to high safety standards and conform to the latest harmonised standards relating to the Machinery Directive, Low Voltage Directive and Electromagnetic Compatibility Directive. Machines are CE marked in accordance with current European legislation.

Ridat's ATF series is designed for high speed production and is favoured by trade formers and in-house operators alike for the versatility afforded by the large forming area, high quality output and continuous performance.

THE NEXT GENERATION



Heating

Using both upper and lower ceramic heaters ensures balanced temperature distribution to minimise material stress. The dual ceramic heaters also enable a wide variety of thermoformable materials (such as PVC, PS, APET, GPET) to be used in the machines. Temperature is monitored by PID software and can be controlled using the HMI operator panel.

Forming

The ATF series is fitted with a high capacity reservoir and a vacuum pump to create an instant vacuum, regardless of the production rate or material used. After forming, the formed sheet is cooled by high velocity turbo fans.

Tooling

The ATF series of thermoformers accepts both male and female moulds. Moulds can be fitted to either the top or bottom platen. ATF machines are able to accept tooling made by other major European manufacturers.

Sheet Separation

Sheets are separated using a double acting guillotine.

Discharge Conveyor

Formed sheets are pushed onto a pallet or carton for subsequent removal by operator.

Sheet Width Adjustment

Spike chain tracks are simultaneously adjusted from either the front or rear of the machine.

Index Length Adjustment

Adjusting settings on the HMI enables simple material index length adjustment.

A pressure forming version is also available.



3024ATF

Brief Technical Specifications

MODEL		3024ATF	3035ATF	4848ATF
Forming area-max	inch	30 x 24	30 x 35	48 x 48
Forming area-max	mm	760 x 610	760 x 890	1220 x 1220
Material width-max	mm	200	200	200
Index length-max	mm	2100	2500	4500
Speed of Index (sec / 22 inch)		1.2	1.2	1.5
Max depth of form	inch	4	4	4
Max depth of form	mm	100	100	100
Air usage	litre/cycle	136	136	200
Electrics-Loading	amp	70	80	135
Heater output	kW	28	38	73
Floor Area	inch	508 x 254	66 x 270	120 x 330
Weight	tonnes	2	4	6

The above figures should be taken as typical example only. Complete specifications supplied on request.

Optional features include:

- Platen Cutting Press
- Bulk Reel Unreeler
- Powered Roll Lift
- Edge & Centre Slitters

Typical applications include: chocolate box inserts, food and collating trays, underfloor panels, automotive protection covers and cooling tower fills.



SUPERIOR PERFORMANCE. COMPETITIVE PRICES

Head Office: Ridat Company, 674 Finchley Road, London, NW11 7NP, England

Tel: +44(0)20 8458 6485 Fax: +44(0)20 8455 5056 Email: info@ridat.com www.ridat.com