

1) High Efficiency DIN Standard Modern Heater units. Fully modulating controlled at the Main Console with Digital Indicating Display Units.

Available Widths :
2.2
2.5
3.0
3.7
4.0

with up to 2.2 metre reduction

- 2) Fibre Glass Heat Resistant Curtain.
- 3) High Efficiency Electric Motors.
- 4) Low Noise Backward Curved Centrifugal Airfoil Fans.
- 5) Evenly distributed Controlled Air Flow Circulation System.
- 6) Anti-Corrosive, Fibreglass Insulated, removable Galvanised Panels.
- 7) Adjustable Air Extraction to each top and bottom zone of each module.
- 8) Fully adjustable Secondary Air Intakes. allowing up to 2.1 metre Width Variation.
- 9) Gyson Heavy Duty Stenter Rail System for 3" Pitch Heavy Duty Stenter Chain.

- True top and bottom Zone Heating (separated air flow allows for up to 50°C differential between Top and bottom zones).
- Easy removal burners and fans and simple access to oven and air chambers through side panel doors.
- A diagonal High Flow Air Jet System easily accessible through side panel doors.
- Oven Alternatives : Air Bed, Water Cooled Support Rollers, Spiked Feed Rollers, Fixed or Expanding Width.
- Stenters to customers Requirements.

For more information or a written quote please don't hesitate to contact one of our friendly sales staff



P.O Box 5007 Hallam,
Victoria 3803, Australia
phone: **613 9703 1211**

e: sales@ctsgroup.com.au
w: www.ctsgroup.com.au
fax: **613 9703 1911**



GYSON

Back Coating Lines for all types of Tufted, Woven, Needle Punch Carpets and Underlay materials.

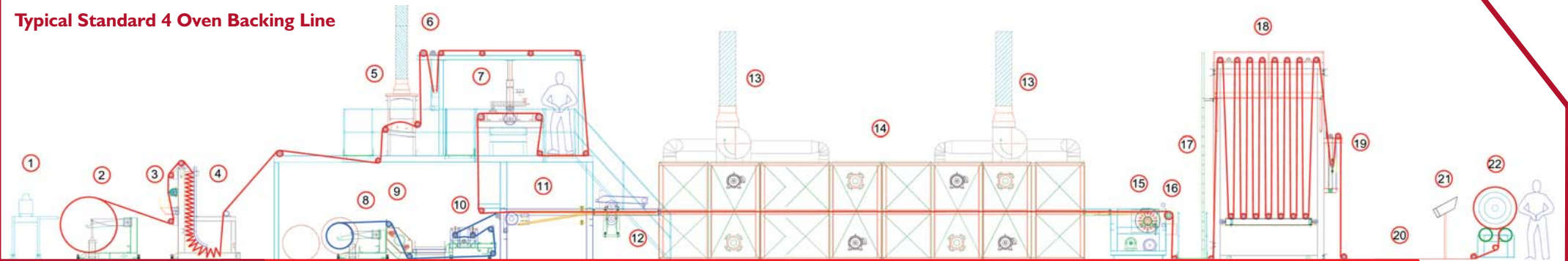
TRUE-ZONE back coating oven plants



CTS - Gyson Range of back coating and finishing equipment

STRONG | DURABLE | EFFICIENT

Typical Standard 4 Oven Backing Line



CTS/GYSON has been involved in manufacturing machinery for the Carpet and Textile Industry for more than 30 years. Over this time CTS/GYSON has gained vast experience in the production and handling of the varying products associated with the industry.

CTS/GYSON

manufacture Backing and Finishing Lines for primary, secondary and foam backing of carpet, non woven latex bonding and curing, non woven thermal bonding and foamed underlay products. Oven lines can range from the very simple, for small operations, to the very sophisticated for higher speed operations. The units are of modular construction with modules being transported in standard shipping containers allowing easy and swift site assembly and installation. Modular components can often be retrofitted to existing lines to enhance performance or extend capacity. Variable and fixed width stenters, spiked rollers or teflon coated belts can be supplied for transporting the product through the oven. The combination of careful design, quality construction and modern technology ensures machine reliability and customer satisfaction.



Construction Factory

Input Stenter Wings With Auto Guidance

The input of the stenter chain into the oven is by self tracking stenter wings. These hinged wings automatically side adjust by sensing the selvage position and then compensate for variations in cloth width or total cloth side position. Each wing can also be manually operated by means of a toggle switch located on the wing control box.



Two sets of pinning rubbers are attached to each wing to press home the cloth onto the stenter pin plates. The wing frame is floor mounted on legs and forms an input module complete with lead in roller and supports.

Foaming Unit

Including :

- Digital speed control
- Stainless Steel
- Enclosure Manual or Automatic



Oven Line Close-Up

Showing :

- Riello Modulating Gun Type
- Gas Burners
- Overhead Exhaust System



GYSON

the advantages of latest technology & design built in

Electrical Console

Including :

- Digital Temperature Control
- Digital speed control
- Air Flow Indicators



Main Stenter Drive and Pull Roller

The stenter output and chain drive module has carpet de-pinning to effectively detach the carpet from the chain. The chain is driven by large diameter pin sprockets on a main shaft.



If mechanised width adjustment is required, these sprockets slide sideways in yokes. The cloth then passes over a bow/pull roller which is driven by an adjustable torque drive. The main shaft is driven through a chain drive sprocket and gearbox to an inverter frequency controlled motor. This controls the speed of product through the oven.

1. SEWING MACHINE
2. UNROLL (TRACKING)
3. BACKBEATER
4. UNROLL J-BIN (TRACKING)
5. STEAMER
6. DANCING ROLLER (ELECTRONIC)
7. DIRECT COATER
8. SECONDARY UNROLL (TRACKING)
9. SECONDARY BACKBEATER
10. SECONDARY BACKING APPLICATOR
11. STENTER WINGS
12. BALANCED NIP ROLLS (NEUMATIC LIFT)
- 13 EXHAUST FAN
14. BACKING OVENS (4 MODULE)
15. STENTER MAIN DRIVE
16. TRIM KNIVES
17. WALKWAY
18. ACCUMULATOR
19. DANCING ROLLER (ELECTRONIC)
20. INSPECTION AREA

Output End Cut & Roll Machine

Available with :

- Bi-directional Blade Cutting Head.
- Rotating Disc Cutting Head.
- Auto Digital Pre-Set stop & cut.
- Computer linked Barcode System.
- Digital Weighing

