

U.S. Webcon designs flame laminating equipment that is customized to fit your application requirements



pollution control system

photography by R. Calvetti

### We offer the following features:

- high capacity, adjustable gas fired ribbon burners
- gas premixers for variable flame adjustment
- adjustable slat expander (for wrinkle-free product)
- two, three or four roll laminator configurations
- digital roll nip positioning
- electro-mechanical web positioning system
- water-cooled chrome rolls
- machinery delivered prewired and prepiped

### Available options may include:

- A-frame unwind/rewind stands with spline drive stations
- Graphic workstation touchscreen controls
- Accumulators: scray, serpentine roll, or conveyor
- Off-line: roll make-up & inspection stations  
log rolling stations  
roll handling, shrink-wrap & palletizing stations
- Edge trim station
- Automatic tension control
- Automatic splicing & continuous operation
- Center or surface winders
- Full pollution control systems
- Tenter frames

Shown is a detail of a custom flame laminator that U.S. Webcon produced for a client serving the automotive industry. We are experienced designing custom solutions taking into consideration product, space, and environmental requirements.

- (a) Foam unwind "A" frame. This portable unit is rolled into place and driven via spline from the mating drive frame
- (b) Camber roll, intermediate edge guide station
- (c) Driven nip, transducer or dancer roll controlled
- (d) Stainless steel hood
- (e) Three roll (water cooled) flame laminator
- (f) Unwind station for scrim or other substrate. Transducer tension control of the brake
- (g) Unwind station for release liner. The release liner protects the web from sticking to the laminator rolls
- (h) Unwind station for master textile web, scrim, or other substrate. Transducer tension control of brake and sidelay edge guiding
- (i) Unwind station for second release liner
- (j) Driven edge trim
- (k) Optional rewind station for removal of release liner. Mirror unit may be added to remove top release liner
- (l) Driven "S" wrap station to isolate tension
- (m) Product rewind "A" frame. This portable unit is rolled into place and driven via spline from the mating drive frame

