



WIDE WEB SELF ADHESIVE COATER - Page 2

Dryer Details

1. Type of Dryer: Arch back roller support with top impingement
2. Effective Dryer Lengths: Dryer - 6 metre o/a comprising 2-zones.
3. Nozzle Velocity: 30m/sec variable
4. Dryer Evaporation: 1621 gals / hr.
5. Heat Source: Natural gas direct fired , electric or steam.
6. Operating Temperature: 140°C maximum
7. Supply Fan Motors: Dryer -2x7.5 kw.
8. Exhaust Fan Motor: 3kw
9. Estimated Power Consumption: Dryer - to be confirmed
10. Temperature Controls: Fully modulating valves with panel mounted temperature controller.
11. Air System Controls: Manual dampers for fresh air supply and exhaust.
12. Thermal Insulation: 75mm thick mineral wool
13. Web Support Rollers: All web support rollers coated in a non stick finish, bearings and brackets.
14. Control System: All temperature controls, MCC control panel and control console.

Cooling Cylinders and Draw Nip

Situated at the exit end of the dryer would be a cooling and draw nip section comprising 2 off chrome plated driven cooling rolls with the second roll being fitted with a pneumatically loaded nip roll. The cooling rolls would be complete with rotary joints, flexible hoses and a self-contained chiller unit.

Rewind

Rewind tension control via transducer roll to provide optimum tension control/stability into the rewind
Grooved rubber type spreader roll to ensure crease free web being wound onto to batch
Pneumatically actuated rubber covered lay on roll with independent pressure control for each side.
3" airshaft with 6" pneumatic chucks, complete with integral bearing housing
Batch lifting arms to unload batches automatically from the machine to a trolley
Unit to be capable of handling batches of up to 1500 kg maximum.

Drive Controls

All controls would be conveniently housed in free standing desk panels conveniently situated for the operator(s). Remote control boxes would be situated at the appropriate places where it is necessary for the operator to have local control of certain functions at the position.

All necessary information will be displayed on the main panel including indications of:

- Line Speed
- Material length
- Drive status and current readings
- Tension settings
- Dryer control parameters

General

The machine would be finished to a high standard in a colour of your choosing. The safety design aspects of the machine would conform to all current HSE and E.U. regulations and the machine would be issued with the necessary 'CE' mark and certification document.

