



Modernise your Alvan Blanch Double Flow Drier by benefiting from some of the up to date technology now featured on our current drier range:

Improve fuel efficiency by as much as 20% because, if annually serviced, **Pressure Jet Burners achieve total combustion of fuel** - thanks to the enhanced design. Old compressor operated burners are difficult to adjust and the combustion efficiency changes with the temperature selected, even from high to low flame there is a variation in combustion efficiency the air/fuel mixture cannot be perfect both at high and low.

Automatic Burner System

Pressure jet burners with digital temperature control (two burners allow coverage of full range of drying temperatures without changing nozzles or burner settings).

- Fuel Saving:** cleaner burning, holds setting, better thermostatic control avoids over drying.
- Labour Saving:** less adjustment, can run without constant monitoring, easy to operate.
- Enhanced Safety:** electronic controls and safety systems incorporated in control panel.
- Enhanced quality:** grain dried at correct temperature with clean flame.

Automatic Moisture Control

Electronic bed speed control via inverter according to changes in grain temperature (directly related to changes in incoming moisture content).

- Fuel Saving:** over drying of grain avoided.
- Labour Saving:** avoids need for constant monitoring.
- Enhanced Safety:** system includes safety controls in panel.
- Enhanced Quality:** grain dried to the moisture content you require.



"Alvan Blanch fitted pressure jet burner conversions to our two DF10/25 driers – we calculate that the improved fuel efficiency, and reduced attendance labour allowed us to recover our investment in the first season.

The new system has been reliable, easy to operate and accurate. The burner flame is cleaner than before and we have avoided tainting by unburnt fuel."

D. Crozier, Farm Manager, South Esk Farms, Tayside

Pressure Jet Burner Conversion with draw through fans and blow over fans

Covers the supply, fitting and commissioning of twin (or three stage) pressure jet burners with stainless steel furnace tube(s), complete burner support frame and mesh, temperature sensor and standard control panel with burner function indicator and electronic thermostat for drying air temperature with digital display and alarm shut down function.

The control panel will also include auto shutdown circuitry including timer for hot fan starter, trace chain etc. The panel will also include grain temperature control with overheat alarm as standard.

Automatic Moisture Control

Covers the supply, fitting and commissioning of a grain temperature probe, 3ph 222V electronic motor for trace drive and control panel incorporating inverter speed controller. Also included is a safety link to drier ignition box and control panel circuitry for enhanced operational safety.

Pressure Jet Burner Conversion with Automatic Moisture Control

Combines Pressure Jet Burners and Automatic Moisture Control with a single control panel that also features as standard with digital grain temperature display alarm function.