

The Gemini II EnergySaver Spraybooth



Uses up to 75% less energy in spray mode than other equivalently specified spraybooths

- Unique air management technology
- Class-leading process times
- Fully automated control system
- Extended 8m long cabin

The Gemini II EnergySaver Spraybooth

Dimensions

Internal: 8.0m x 4.0m x 2.5m

External: 8.1m x 4.1m x 3.0m

Additional height options of 3.0 and 3.5m (internal)

Lighting

STL's unique air-cooled light pods provide luminance in excess of 1500 Lux with just 24 light tubes. Use of high frequency electronic ballast reduces energy consumption by 50% over traditional ballast.

Inlet Filter System

True wall-to-wall inlet filter plenum ensures uniform airflow throughout cabin. High efficiency filter ensures clean air to 7 microns.

Underfloor Extraction

Via a 2m x 7m gridded pit complete with high efficiency duplex extract filter. Optional fully gridded floor or raised floor complete with LPex even extraction system.

LPex

Unique Local Points of Extraction system ensures fully gridded and raised floors extract evenly throughout the cabin, without resorting to the traditional method of using crude steel plates.



AquaDry Air Agitation

High-level nozzles, operating from above the spray area, direct pre-heated filtered air into the cabin for rapid flash-off and drying of all waterborne paints and solvent-based clear/topcoat. Included as standard specification.

Economy Stand-By Mode

Automated energy-saving standby mode included with standard specification, whereby the booth automatically reduces fan speed to tick over when the booth detects no spraying is taking place.

Clearance Indicator System

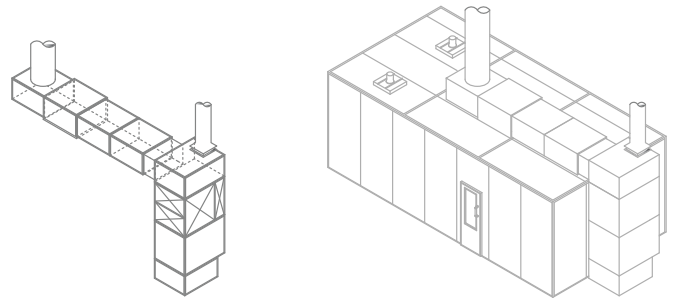
Included as standard specification. Amber beacons indicate when spraying is in progress, and automatically switch off once the clearance time of the spraybooth has elapsed indicating the booth is now free of hazardous isocyanite.

Construction

Durable double-skinned and insulated steel panel cabin walls and roof.

Vehicle Access

Standard 2.5 x 2.5m durable 2-leaf door system with large viewing panel. Options of 3-leaf, corner doors, roller shutter doors and additional set of doors for drive-through capability.



Air Handling Plant

Direct gas-fired fully-modulating duct burner (natural gas or LPG). Optional indirect oil-fired burner. Unique EnergySaver system reduces heat load by up to 85% in spray mode.

Ductwork

The unique design of the Gemini II means the duct work required is far smaller and less visually intrusive than conventional spraybooths, which makes it the ideal choice for locations that may be subject to tight planning constraints.

Fan System

A single direct-drive 9KW fan, complete with variable speed control fitted as standard, generates airflows of up to 30,000m³/hr.

Control Panel

Sophisticated technology with a robust, operator-friendly interface. Automates temperature, pressure and time control for five different modes of operation, including standby, spray, flash off, bake and cool down.

Noise Levels

Comfortable working cabin noise levels of less than 75dBA.

Service and Support

Quality nationwide coverage, with regionally based Corgi-registered engineers providing service back-up and customer support.

Warranty

Standard 12 month warranty.

Optional 3 year warranty with service package.

On site Services required

Electrical supply - 32A 3-phase & neutral.

Maximum running current - 20A

Gas supply - max 480ft³/hr at max 21mBar

For further details or for a discussion and free site survey please call us now on 01787 313550.