



5 Series Spraybooth Oven

The 5 Series is our flagship model, combining state of the art technology with outstanding build quality offering the most advanced spraybooth on the market. With energy saving and production enhancing equipment the 5 Series delivers the highest quality paint finish at the lowest cost per unit. A LEVAC or EVAC fully extracted, balanced floor is incorporated as standard, this in combination with the full width, full length plenum, ensure its downdraught airflow is second to none.

- ✓ High Quality Construction & Installation
- ✓ HSE Fire Compliant
- ✓ Easy Change Filters
- ✓ Lighting Level Minimum 1200 Lux
- ✓ Full Range of Spraybooth options

Features

The 5 Series spraybooth oven has been designed and manufactured in the UK using premium quality construction materials. Its white polyester paint finish on galvanised steel substrate offers excellent corrosion resistance and a light working environment whilst also providing an aesthetically pleasing modern and clean appearance. A full width full length input plenum is incorporated for improved air-movement. Wall and roof panels are sealed internally ensuring optimum cleanliness. Filter medias are quick and simple to change by just one operative. The 5 Series comes with 3,051mm fully glazed access doors for ease of loading and unloading whilst offering undisturbed views into and out of the working areas.

Performance

- Designed for use with 2007 compliant paint coatings.
- With Junair QADs, jobs are produced faster, with more consistent results than a conventional spraybooth oven. Typically total process times are reduced by 33%.
- Direct gas firing with fully modulating burner ensures fast temperature rise and accurate temperature profiling. Direct firing saves approximately 30% of fuel cost compared to indirect gas fired systems.
- Quiet in operation. Sound attenuation is an integral part of the air handling plant.
- Direct drive centrifugal fans are reliable & efficient with no drive belts to change.
- Fully extracted floor is the ultimate spraybooth extraction system. The best system for painting and curing off car panels in conjunction with the vehicle.
- Eff1 energy efficient motors fitted as standard: a tax rebate can be claimed for these.

Lighting

- Lighting level 1,200 - 1,500 lux using angled white steel reflectors.
- Slim line Ultralux light fittings reduce the "dead zone" within the cabin .
- High frequency electronic light ballast's save energy and extend tube life.
- Lights are maintained from inside the spraybooth for ease of access.

Legislation

- Designed, manufactured and installed to meet the latest Government legislation; EU Machinery Directive - CE, COSHH, Environmental Protection Act, Health and Safety at Work Act, ATEX.

Warranty, Service and Support

- 3 year warranty is standard subject to service contract .
- Skilled engineers provide national service support with maintenance divisions based nationwide.
- Spare parts available ex stock.



Options

- QADs auxiliary air movement system (40% energy saving)*.
- FS Mode – automatic recirculation for idle and flash off (saves a further 20%)*.
- Variable speed drives (70% energy saving when combined with above)*.
- Optional System PLC control option with patented "Select Control" function where each paint type has a pre-programmed profile*.
- LED Lighting option with a 5 year 'no quibble' warranty*.

* Feature incurs an additional cost



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SPRAYBOOTH



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Technical Specification

Dimensions (Standard Cabin)

Internal 6,920mm x 4,000mm x 3,030mm high
 External 7,020mm x 4,080mm x 3,530mm high

Options (bespoke sizes available on request)

Length 8,071mm / 9,224mm (*internal*)
 Width 4,500mm (*internal*)
 Height 3,030mm / 3600mm (*internal*)

Filtration

Input Filter Full length and full width input filter
 Input filter Resin applied 600g – 10 micron – EU5
 Extract Duplex fibreglass and polyester fibre (*less than 10mg/m³*)
 filter type

Controls Panel

Interface Mini Pac—as standard
 I system—optional*

Lighting

Standard Ultralux with high lumen fluorescent tubes
 Lux level 1,200 lux plus
 Ballast High frequency electronic (*no maintenance*)

Noise

Cabin 76 – 78 dBa (*conforms to HSE legislation*)

Air temperature

Rise 22°C (*typical*) adjustable

Air Handling Plant		20,000m ³ /h	25,000m ³ /h	30,000m ³ /h	35,000m ³ /h
Position	Floor standing or optional roof mounted				
Rated air-flow	Air changes per min (<i>standard cabin</i>)	4.0	5.0	6.0	7.0
Air movement	Down draught; ceiling input with floor extraction				
Burner	Direct gas fired – natural gas or LPG				
Burner type	Fully modulating gas burner	170kW	212kW	260kW	300kW
Fans	Direct drive centrifugal - aluminium impellers				
Fan motors		20,000m ³ /h	25,000m ³ /h	30,000m ³ /h	35,000m ³ /h
Input & Extract	Each IE2 – 415V three phase high efficiency	5.5 kW	7.5 kW	11kW	11kW
Fan motors		20,000m ³ /h	25,000m ³ /h	30,000m ³ /h	35,000m ³ /h
Electrics	415V / 50Hz TP + neutral	32A	45A	63A	63A
Gas input	Natural gas	15.6 m ³ /h	19.4 m ³ /h	23.8 m ³ /h	27.5 m ³ /h
Gas input	LPG	6.6m ³ /h	8.15 m ³ /h	10 m ³ /h	11.6 m ³ /h
Gas pressure	Min – 20mbar Max – 50mbar				

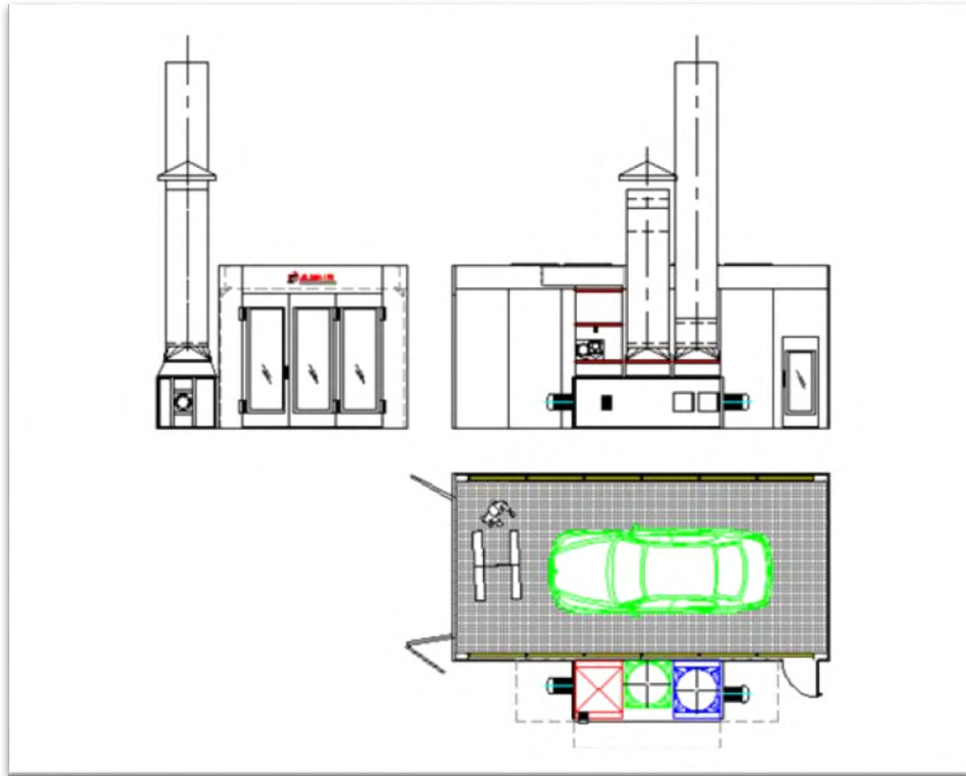


Optional touch screen control panel

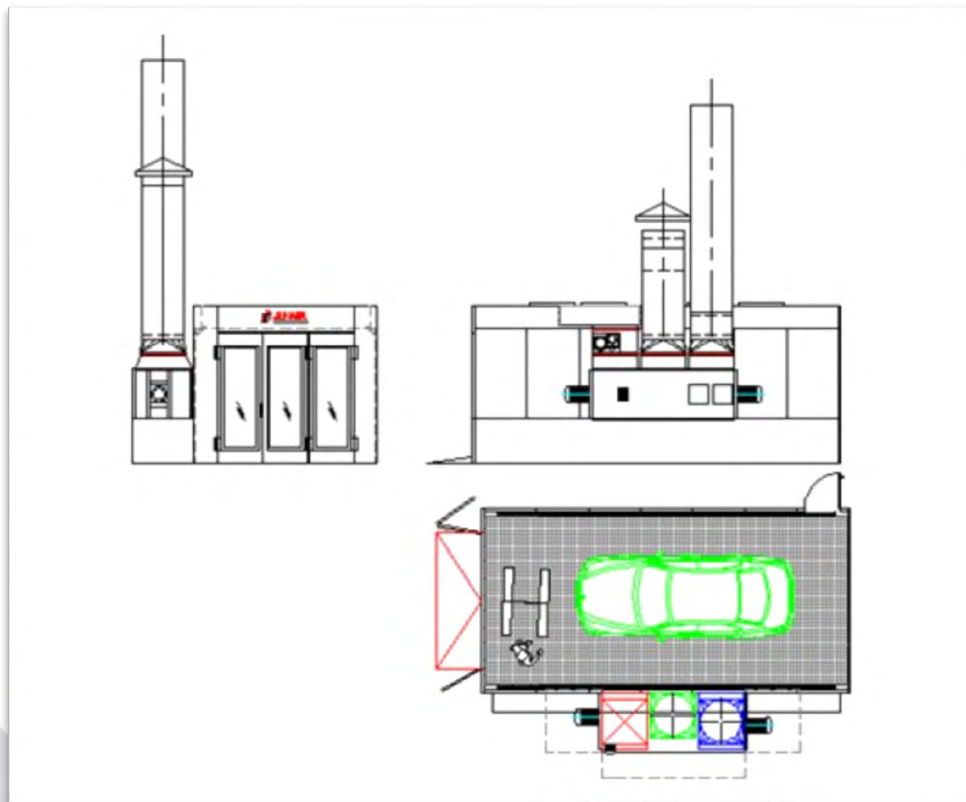


LED lighting option

5 Series—EVAC Floor



5 Series—LEVAC Floor



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