

Quotation

28th January 2021

CPR Limited
Unit 2 Dickinson Place
South Bersted Business Park
Bognor Regis
West Sussex
P022 9QU

For the attention of: Mr Nick Geall

Reference: **Enclosed Paint Facility**

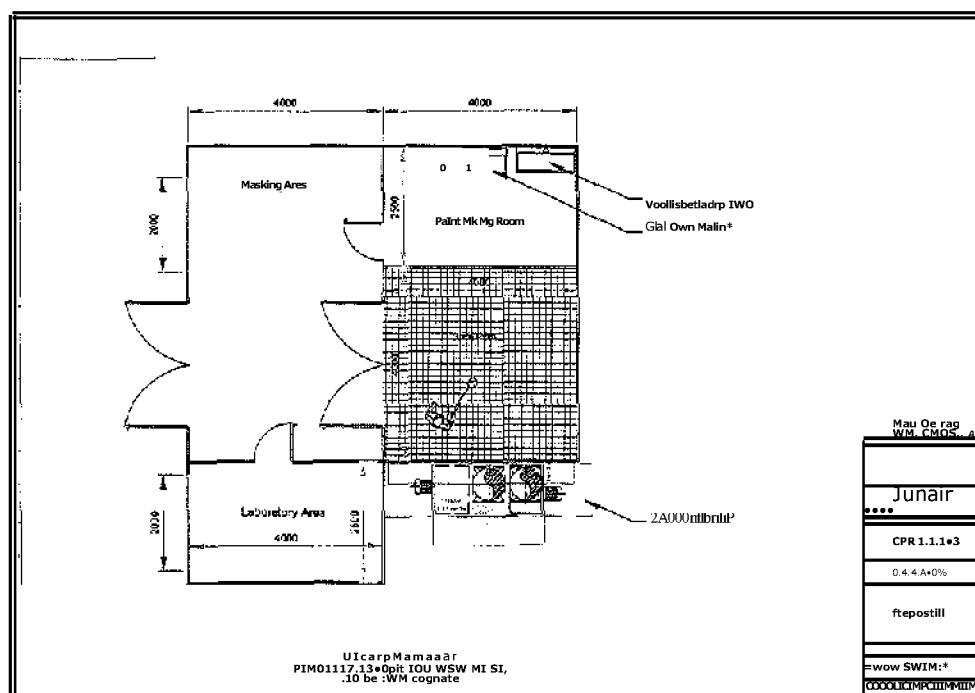
Our Ref: **AT/SE21344/Q1 *Budget**
Drawing Ref: **SE21344-01**

Dear Nick,

Thank you for your enquiry following which I have pleasure in providing our quotation as follows.

We have confirmed the scope of supply as per our recent discussions. At this stage the equipment has been specified based on 'equipment that may be typically used within your industry'. Clearly we can adapt the proposal specification and scope to suit your specific process, technical and commercial needs.

We have based the proposal on downdraft airflow for the spray booth with various options as requested to form an excellent production facility suitable for your batch production. We would be happy to discuss this in more detail, to ensure that the scope of supply meets with your technical requirements and also to ensure that we can tailor the package and specification to meet with your budget expectations.



I have attached our literature which shows the general appearance of *the* equipment, and / have also listed the technical specification on the following pages for clarity of our offer.

JUNAIR
SPRAYBOOTH

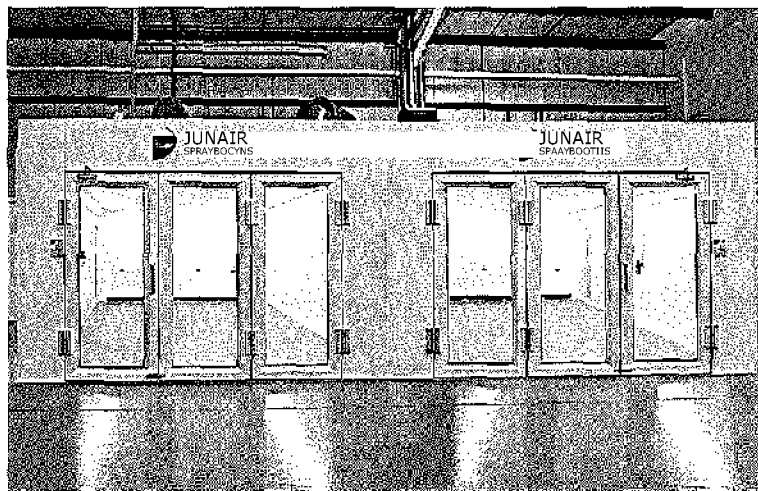
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I have attached some of our standard literature which further explains our offer, and also explains some of the Junair benefits. For your application I would list the following features:

- Durable construction — our booths are designed to have heavy duty construction suitable for continuous use in your specific industry. The booths are suitable for continuous use with your paint systems.
- Extensive back up and service provision — we are the largest UK spraybooth service provider. We also supply spare filters etc.
- All of our spraybooths are designed and manufactured by Junair in the UK to meet the requirements of the UK finishing market
- High specification air handling units. We only use backward bladed centrifugal fans sets. These have high pressure characteristics which means the booth airflow remains more consistent as the filters block up compared to more basic axial or forward curved fan sets. Our fans are direct drive for faster response and less maintenance. The fans are fully compliant for use in a spraybooth environment
- Direct fired burners, fully modulating for efficient heat use.
- High and low level lighting for Improved light levels.
- Comprehensive booth commissioning and training to include full electrical and gas systems, airflow tests, COSHH LEV tests, mist clearance tests, all documented with a comprehensive O&M manual. Full operator training and assistance in use, plus basic maintenance training.

In the below pricing I have made allowance for the standard booth and then made an offer for several options we discussed.

- Extended height—all booths benefit from being taller to improve airflow and to prevent painting of the ceiling



GENERAL

The equipment below is listed with a brief technical specification. Unless listed separately, the equipment generally includes for the following for the Junair supplied equipment:

- Delivery to site and off-loading
- Mechanical installation
- Erect ducting and exhaust stacks
- Field wiring from control panels out to motors, burners etc.
- Full equipment commissioning, ready for use

The equipment is fully compliant with current UK legislation, and will be CE marked on completion, with a CE certificate issued

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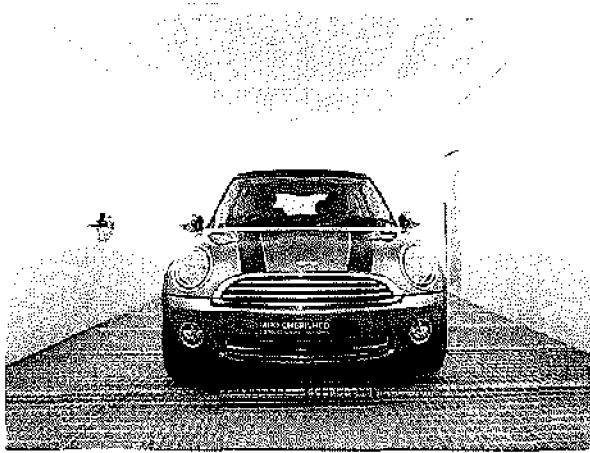
**JUNAIR
SPRAYBOOTHS**

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JUNAIR 3 SERIES SPRAYBOOTH OVEN (1 no.)

£33,438

Enclosed booth to be used for the application of paint materials onto client products. Forced air replacement with heating and filtered air extraction. Recirculated airflow at elevated temperature for baking



- internal dimensions 4,000mm long x 4,000mm wide x 2,500mm high
- **LEVAC Floor:** Fully extracted, fully gridded floor with balanced airflow and duplex filtration. The low profile design requires no excavation and sits just 140 mm from floor to top of grid. A fully extracted floor provides better air movement when painting large and small products together, reducing contamination from overspray and speeding up the curing process.
- Direct gas fired, 20,000m³/hr. air handling plant
 - Heater rated for a maximum 25 °C temperature rise on spray cycle, maximum temperature on bake 90 °C
- **PolyMat Erm Extraction Filter**
PolyMat Ex lasts longer than traditional duplex extract filters giving you longer between filter changes. The inner working of the Spraybooth are kept cleaner for longer, reducing build-up of overspray inside the air handling plant increasing the longevity of the Spraybooth.
- 2-leaf fully glazed access doors giving 2600mm wide opening
 - All doors fitted with perimeter seals and self-closers
- **Fuel Saver Mode**
Automatic recirculation of air on stand-by and flash off mode. Requires no operator input. Saves up to 22% of fuel cost over conventional equipment.
- **Variable Speed Drives**
Automatic motor speed adjustment to suit the process. Slow speed for standby, medium speed for flash off and bake cycle with full speed automatically selected when spraying. Saves up to 70% of energy cost when combined with QADs and FS mode.
- **UltraLux LED Lighting**
Providing excellent colour rendition and uniform lighting across the working area. Junair LEDs can save up to 60% in operating costs when compared to like for like LUX levels. Lighting is accessible from inside the Spraybooth for ease of maintenance.
- **eSystem PLC Control System**
An easy to use PLC control system providing a straightforward method of operating the Spraybooth.
- Installation package comprising:
 - Delivery to site
 - Mechanical installation including erecting the exhaust stack
 - Electrical field wiring from our control panel out to the motors and heater
 - Full system commissioning for:
 - Gas
 - Electrical systems

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- Airflows
- LEV testing
- Mist clearance testing
- Full certification
- Equipment operation and basic maintenance training
- O&M manual

Height Increase

£

- Option to increase the spray booth height to 3,100mm high.

Humidification (1 no.)

£

Option to add steam humidification to the new spraybooth, utilising local steam generation unit, to include controls upgrade for humidity probe and control.

External air conditions	min -5 degrees C, 100% RH, max +30 degrees C, 40% RH
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Target spraybooth conditions (Spray cycle)	22 degrees C +/-1 degrees C 50% RH
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Spraybooth humidity limits (spray cycle)	30% RH - 70% RH
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- Condair 85120 resistive element steam humidification unit rated for 120kg/hr to achieve a target condition of 22 degrees C, 48% RH.
- Supplied with a 90kW electric load (130 amp supply). To include 3 no. stainless steel steam lance (3m) plus 3 no. Condensate hoses (3m)
- No chilling or de-humidification
- Booth to alarm and interlock spray gun if conditions are out of band.

HSE Options

- **Mist clearance indicators** £
Mounted adjacent to each personnel door the red LED light array is a warning not to enter as there are products harmful to health during the spraying process and for 1 to 2 minutes after spraying has ceased.
- **Fire alarm strobe** £
Red strobe light mounted inside the cabin at high level. Left with wiring tails for customers fire alarm contractor to connect to the building system.
- **Emergency Lighting** £
Lights adjacent to each personnel door are fitted with maintained battery backup devices that operate when power is removed. The lights operate for 1 hour before switching off.

General Options

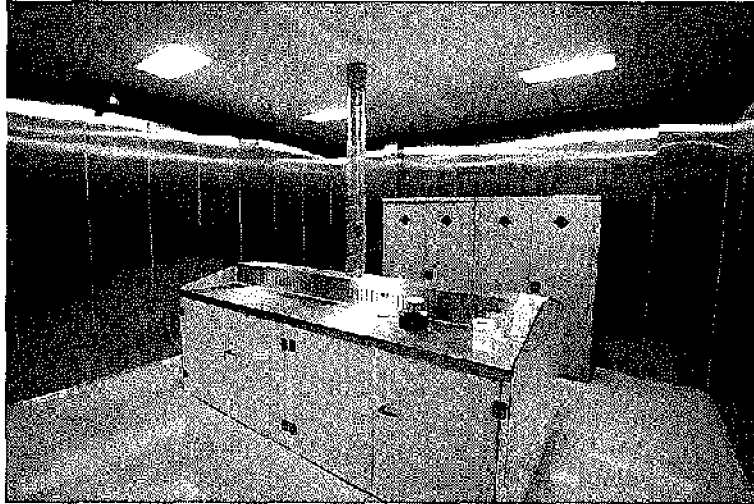
- 1 no. Filter regulator c/w 10m air hose with female type 25 connector
- 10m air hose with female type 25 connector
- Breathing air quality test
- 1 no. Horizontal window, 2000mm wide x 935mm high

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PAINT MIXING ROOM (1 no.)

£

Enclosed area for mixing and preparation of paint prior to application. Complete with ventilation and lighting



- Internal dimensions 4,000mm long x 2,500mm wide x 2,500mm high
- Double skinned insulated, white internal and external
- Extraction from bench and floor level, 30 air changes per hour (bench not included)
- Centrifugal fan, silenced for operator comfort.
- SmartLux 600mm² LED panel light fitting, excellent colour rendition
- 1 no. Personnel Door, glazed and fitted with perimeter seal and self-closer

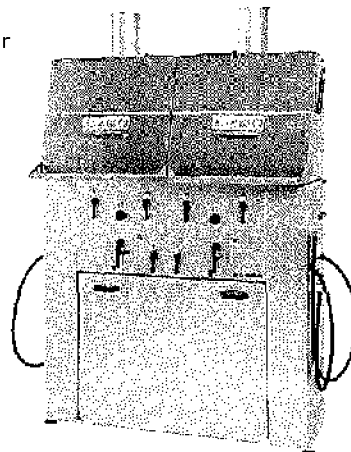
Paint Mixing Room Options

- **Eyewash** station
- Gun cleaner spigot and ventilation duct
- Ventilated mixing bench — stainless steel 1250 x 500 x 900mm
- 1.5 kW flameproof heater and thermostat
- Gridded floor with drip trays

Gun Cleaners

UNIC UED3ST - Twin Solvent / Water Spray Gun Cleaner
Suitable for gravity and suction fed guns

- Timed operation
- High pressure internal washing jets
- **5"** extraction (solvent model only)
- High power cleaning up to 20ltrs per min
- Ergonomic washing height
- Automatic wash
- Manual flow through brush
- Manual clean rinse
- Air blow gun
- Automatic air extraction



Quotation

LABORATORY (1 no.)

An enclosed room with lighting and background ventilation for client use for laboratory and testing purposes

- Internal dimensions 4,000mm long x 2,500mm wide x 2,500mm high
- Double skinned insulated, white internal and external
- Low level background ventilation (Ventaxia)
- SmartLux 600mm² LED panel light fitting, excellent colour rendition
- 1 no. Personnel Door, glazed and fitted with perimeter seal and self-closer

General Option

- Option for 1 no. Horizontal window, 2000mm wide x 935mm high

MASKING AREA (1 no.)

Enclosed area in which client will prepare and mask parts prior to painting. Also to form a pressurised vestibule to ensure cleanliness in the painting environments

- Internal dimensions 4,000mm long x 6,300mm wide x 2,500mm high
- Double skinned insulated, white internal and external
- Background ventilation - pressurisation with shop air via ceiling filter to M5 grade with low level grills to workshop for airflow exit, 2,000 m³/hr.
- SmartLux 600mm² LED panel light fitting, excellent colour rendition
- 1 no. Set glazed access doors, 2600mm wide x 2300mm high, glazed and fitted with perimeter seal and self-closer

General Option

- Option for 1 no. Horizontal window, 2000mm wide x 935mm high
- **Emergency Lighting**
Lights adjacent to each personnel door are fitted with maintained battery backup devices that operate when power is removed. The lights operate for 1 hour before switching off.

TRAINING ON EQUIPMENT (per day)

and full H&SE / Maintenance.

ROOF HOLES

Labour and materials to cut and seal holes, including roof plates and cravats:

- 2 no. Ø 660mm will be required.
- 1 no. Ø 150mm will be required.

Price assumes the roof is of standard steel construction and that no asbestos is present.

PLANT HIRE

- Mobile Elevating Working Platform for high level access and ductwork installation.

Please note at this stage we have excluded the following;

- Final gas, electric, compressed air, water and drain connections to the equipment.
- Fork lift truck hire for off-loading and installation.

Costs provided are for budget purposes only and subject to Junair site survey.

Quotation

I trust the information provided meets with your approval, if you have any questions please do not hesitate to contact us, otherwise we will be in touch in a few days when you have had time to digest the information provided.

Please note prices are excluding VAT and are subject to our standard conditions of sale.

Yours sincerely

Mw

Angus Trophelme

