

Celebrating
20
YEARS
1997 - 2017

TRUFLOW
Spray Booths (Aust) Pty Ltd



THE TEAM THAT MAKES AUSTRALIAS MOST TECHNICALLY ADVANCED SPRAY BOOTHS.



Truflow Spray Booths designs and produces Australia's most technically advanced spray booths, as an industry leader the focus has always been to deliver our customers with an engineered solution to meet their spray painting needs. No matter the scale of the project we place great value on ensuring that we provide sound technical advice and solutions to ensure our customers receive products that meet exactly the performance criteria expected.

Established in 1997, the TRUFLOW Brand has developed and changed through a commitment to technology and continuous improvement, with this approach TRUFLOW has been able to innovate and provide our customers with equipment that is current, compliant and of the highest performance criteria.

This approach has proved successful with thousands of facilities Australia wide over the last 20 years, including clients such as Boeing, The Australian Defence Force, Caterpillar, Sandvik Mining and Construction, Sikorsky Hellitech and many more.



COMPANY MANAGEMENT TEAM

Anton Pirie
General Manager

Chris Spencer
National Manager

Caroline Pirie
Finance & Administration Manager

TECHNICAL TEAM

Lance Pirie
Sales and Service Manager

Josephe Bellavance
Sales Engineer

Bradley McCue
Electrical Team Manager & Technical Services

ENGINEERING, OPERATIONS AND PRODUCTION TEAM

Shane Manning
Production Manager
Sheetmetal Division

Justin Pirie
Production Manager
Fabrication Division

Sercan Dikbayirli
Drafting and Engineering Services

PRODUCTION AND INSTALLATION CAPABILITIES

With a 35 member strong team TRUFLOW employs sheetmetal, fabrication, electrical and technical gas tradesmen to ensure that we can reliably produce, fabricate, install and service our equipment Australia wide. Our team is committed to quality Australian designed and manufactured components made in our Keysborough Victoria facility under a 4000 sq/mt roofline. With the latest technology in sheetmetal fabrication including CNC Turret punch, laser, breakpress and guillotine all products are produced to a high quality standard and in compliance with Australian 4114.1:2003 Standards.

MAJOR PROJECTS

CUSTOM PAINT FACILITIES



RAAF BASE PEARCE - WA Corrosion Control Facility

The Australian Defence Force engaged TRUFLOW Spray Booths to design and install a large scale paint facility for the purpose of corrosion control. This facility was designed to accommodate a wide variety of aircrafts and components ensuring full compliance with the Australian Standards as well as a highly specific chromate filtration system to mitigate the dispersion of airborne overspray particulates related to this coating process.

The dimensions of this facility are : 26m x 16m x 6m. This facility is climate controlled including heating and cooling to ensure the coating is applied within specification and operator comfort and safety is maintained.

Lighting is provided by multiple banks of LED's and machinery is mounted above the cabin on a structural mezzanine level allow for service maintenance and minimal disruption to facility footprint.

The project is a benchmark paint facility, the implementation demonstrates the capability of TRUFLOW to design, manufacture, deliver and install a custom large scale facility for the any application.



Above: External viewpoint of the painting cabin, large dual stage doors integrated into booth & facility.



Above: Internal viewpoint of facility showing wide expanse of space & lighting to provide operators with a safe and compliant space.

MAJOR PROJECTS CUSTOM PAINT FACILITIES



SIKORSKY HELLITECH - NSW Refurbishment, Maintenance and Corrosion Control Facility

Sikorsky Hellitech required a technical solution for their corrosion control facility. The key specification was to provide a facility in which aircrafts could be cleaned, prepared and coated. TRUFLOW's innovative concept was to built a single multi-pupose facility that could be used for all three processes and allow for two units to be completed simultaneously.

The final installed facility was a multi-mode system allowing operators to select from a Cleaning/Stripping mode during the preparation process, the switch to a climate controlled (heated and cooled) spray mode where ventilation exceeded australian standards by nearly double. The final mode was Baking/Curing mode which gave users the advantage of a accelerated drying time by curing at up to 70.C.

The dimensions of this facility are : 28m x 8m x 8m. Airflow is in a Downdraft format and exhaust is by way of a technical extraction system which includes bypass dampers and a chormate filtration system.

This is a world class facility that meets Australian and internation standards for a modern avation corrosion control facility. TRUFLOW's ability to design and construct (D&C) a project of vast scale and technical specification was a key factor in the success of this project.



Above: Multiple views of the large scale downdraft facility showing the booth, mechanical ductwork, service platforms and internals.

MAJOR PROJECTS

CUSTOM PAINT FACILITIES



WESTRAC CATERPILLAR - NSW

Refurbishment, Maintenance and Corrosion Control Facility

In order to accommodate for the sheer size of mining equipment produced by Caterpillar a large scale spray booth was designed and installed in Newcastle NSW for Westrac.

The facility is a spraying and baking on floor downdraft system with a large number of high and low mounted lights. Entry to this facility is gained via a large roller shutter that provides clear width access to the spraying area; this allows for even the largest of the Cat fleet to be prepared and coated within this booth.

The dimensions of this facility are : 30m x 10m x 10m. Airflow provided in a downdraft format with air exhausted by way of four large extraction plenums with eight exhaust fans. The supply air is a high quality 560G Filter media that provides clean processed air into the cabin allowing for a high quality finish usually seen in automotive rather than industrial coatings.

Designed to meet and exceed Australian standards this facility is a durable long term solution for caterpillar and will ensure that the quality of applied coatings remains consistent long into the future.

TRUFLOW's ability to design and construct (D&C) a project of such vast scale, demanding time lines and technical requirement is a testament to the commitment of all team members at TRUFLOW Spray Booths.



Above: The facility at Caterpillar is about scale and productivity - this large spray booth provides a safe and compliant area for operators to coat cat products.



TRUFLOW

Spray Booths (Aust) Pty Ltd

Head Office

25 Futura Rd, Keysborough VIC, 3173

Post Box

PO BOX 4367, Dandenong South VIC, 3175

Phone / Fax

Ph: 03-9794 9498

Fax: 03-9794 0337

Web

www.truflowspraybooths.com.au

info@truflowspraybooths.com.au



1300 BOOTH
Australia Wide Sales & Service



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