PROJECT CASE STUDY

TRUFLOW
Spray Booths (Aust) Pty Ltd

TRUFLOW SPRAY BOOTHS (AUST)

PROJECT/MODEL: AUTOMOTIVE SPRAY BOOTH ELITE MACH II + JET AIR

STATE INSTALLED: VIC / NSW / QLD & SA

ELITE Mach II + Jet Air

The Gordon Institute of TAFE is one of the largest regional TAFE's in Victoria and has been helping people gain real skills for real jobs for over 125 years.

Stuart Vines (Capital Projects Manager) and **Greg Maconachie** (Program Manger) of *The Gordon Tafe* set out to provide students with the best available technology, safety and optically vibrant training experience. In choosing Truflow to build their spray facility it gave Greg and the Team the opportunity to engineer a space that ticked all their boxes. Working closely with Truflow's Victorian Project Sales Engineer **Joseph Bellavance** the facility took months to fine tune the specification to ensure every detail was considered.

The final facility was delivered by Truflow during the COVID-19 pandemic. It included the removal of the old technology paint booths within the existing training facility and the subsequent fit-out of the state of the art Elite Mach II paint booths complete with Truflow's innovative Jet Air System.

The TAFE had a checklist that formed the basis of Truflow's scope of installation, this included some of the following deliverables:

☑ Bright LED Lighting Environment to give students optimal visibility during spray.

☑ Full Airflow Control (Inlet and Exhaust) providing adaptable cabin velocity via the PLC touchscreen.

☑ Glass, Glass… and a bit more Glass. Allowing for optimal classroom training and visibility.

☑ Compact design with internal Pneumatic Ramp.

☑ Jet Air Drying technology to accelerate the cure of waterborn paints. Truflow delivered the unique Hot-Air-Jet which delivers 70.C hot air jets in bake cycle.

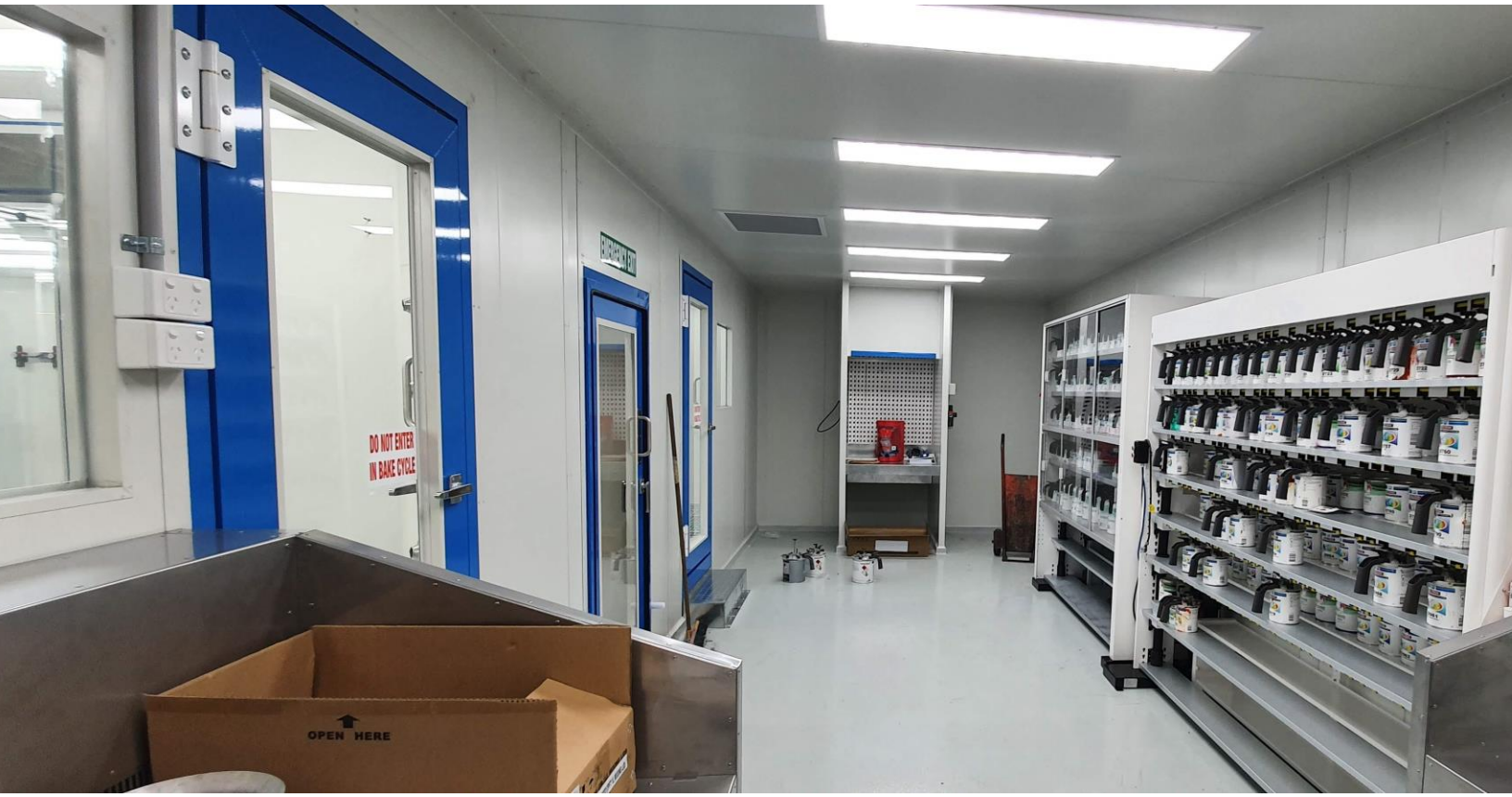
For more information on this project contact ☎ 1300 266 847

Jet Air System

Truflow's innovative Jet Air System uniquely provides jets of hot air filtered to 5um at a velocity of between 13.7 and 16.5m/s per nozzle.

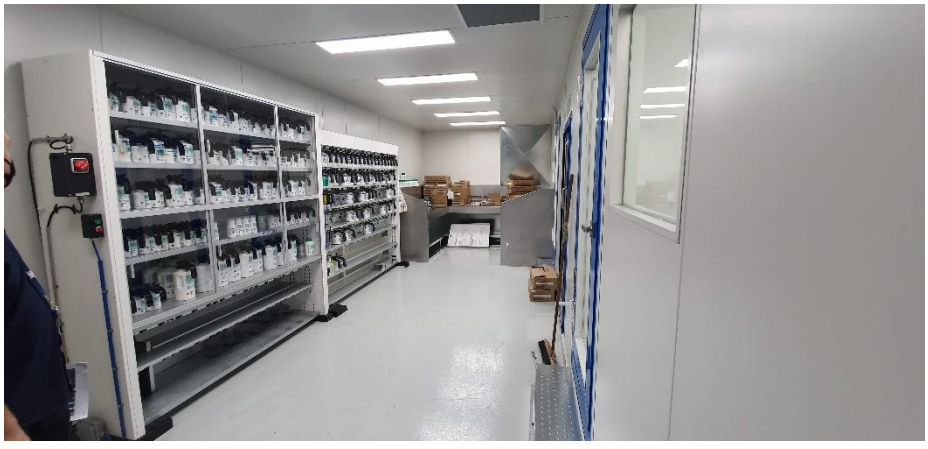
The purpose of the Hot Air Jets is to accelerate the cure of waterborne or 2pac paints. Reducing cycle time by up to half with many base coats. This targeted hot air method of accelerated curing creates turbulence on the surface of the product both in bake mode and flash off between sprays.

Spray Booth solutions to suit customers exacting requirements. That's what we do.



Mix Room

The Paint Mixing room fit out was designed to allow color spray out testing & mixing on ventilated benches. Large enough to include twc mixing racks.



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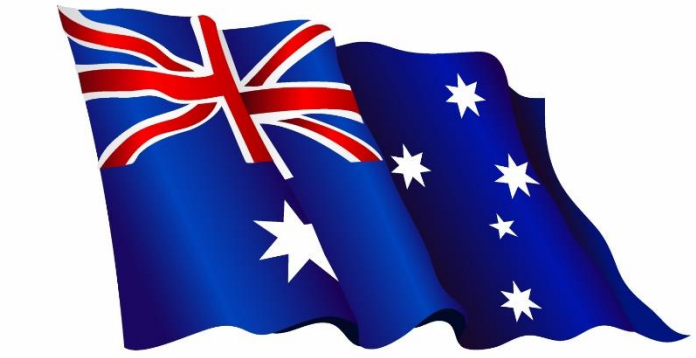

www.truflowspraybooths.com.au