

Ezi-Duct Pty Ltd

IN THE TUBE



June 2021 Wrap Up



Can you believe we are half way through the year already?

So far, the world is on the road to recovering from COVID-19. While it's something that will probably be around forever, we are inching ever closer to living with it in a safe way. Australia has been doing very well, no doubt due to the cooperation from all Australians abiding by the restrictions. There are still snap lockdowns, trying to keep the virus contained, quarantine is not perfect, but it has certainly helped Australia remained open for most part. (I say this, and suddenly it seems NSW is in the midst of an outbreak. Fingers crossed it can be contained)

At Ezi-Duct, we have been as busy as ever. This newsletter only showcases just a fraction of the projects that we have been working on.

"There's been many fine jobs done" Wayne Dockrill (MD, Ezi-Duct)

June 2021

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Custom Hoods

Ezi-Duct's NSW team has just finished installing this massive hood for a printing factory here in Sydney. The hood was custom made by the NSW production team for the customer and it measures a whopping 4m across and 1.5m deep. (The photos do not convey just how big this hood is!)

This hood was installed above some paper processing machinery to help extract the massive amount of heat coming off the machines, in order to keep the factory interior cooler.

Michael, Ezi-Duct's Production manager is amazing. Anything you need, just send us a drawing and he will make it.



If anyone gets a message from me about canned meat, don't open it.

It's Spam.

New Dust Collection System for Community Woodworking Club

In April, our Victoria team finished up an installation for a Community Woodworkers club. Ezi-Duct installed for them the eCono 4000 Dust Collector with our Ezi-Duct Modular Ducting and Ezi-Flex Flexible Ducting System. The place that was used as the club's workshop was actually a house, so there was some challenges that we had to overcome. Due to the height of the ceiling, we had to ensure that the ducting were run in a way that wont come into contact with many heads.

The other challenge during the installation was running the ducting from the rooms to the dust collector through the confined roof space. In the end, this was no challenge for the Ezi-Duct team.

The Australian designed and manufactured eCono 4000 Dust Collector is the best value self cleaning dust collector on the market. The eCono 4000 Dust Collector provides powerful suction of up to 4000 m³/h @ 2500 –3000 pa and has a high efficiency, energy saving 4.0 kW fan. If you are on a budget, it's worthwhile considering the eCono dust collectors as it is as powerful as higher end dust collectors. The eCono 4000 has an automatic cleaner system which shakes the filters each time the dust collector is switched off, so this type of dust collector is best suited for operations with intermittent operation. The dust collector uses 15 top quality filter bags, cleaned each time the machine stops will ensure that when it is turned on, it is running at maximum efficiency.

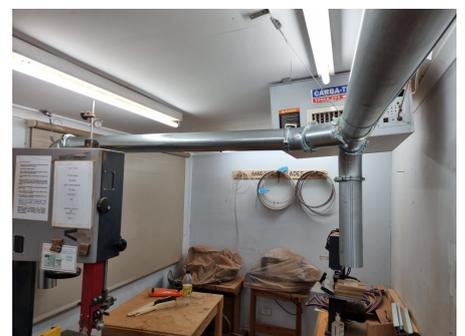


Econo 4000 WB installed outdoors. Wheelie bin option makes dust removal easy.



Ezi-Duct's modular ducting solution is easy to use and easy to install. It is versatile and can be taken down and reconfigured easily if you are looking at upgrading or relocating your machinery or your workshop. The smooth bore ducting has no snag points, making the the dust collection easy.

If you have a tricky situation, give Ezi-Duct a call, as we can create the solution for you.



Joke:

Why didn't Guns N' Roses turn up for the gig when it was snowing?
Axel Froze.



Victorian Secondary College Soldering Fume Extraction System

Ezi-Duct Victoria finished up a fume extraction system for a Secondary college in South East Melbourne.

For this school, there were sixteen soldering points which are attached to the new fume extraction system. Ezi-Duct's modular ducting and flex ducting was supplied to run from the soldering station to the fume extractor.

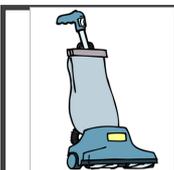
Ezi-Duct's Modular Ducting is smooth bore which makes extraction very efficient. It is easy to install and can be taken apart if any blockage occurs. Ezi-Duct also uses the highest quality flexible ducting for our jobs. They also have a relatively smooth bore to decrease resistance.

The fume extractor uses the Ezi-Duct CBS355 centrifugal fan. The CBS range of fans are industrial quality, high efficiency fans, which can produce higher airflow at a lower pressure. They are constructed from galvanised steel and powder coated.



Images

Top right: Fume exhaust fan installed on the roof of the building for fume extraction.
 Bottom row: classroom soldering stations with fume extraction points installed at the desk



Joke:
 I sold my vacuum the other day.
All it was doing was collecting dust.

Wet Scrubber & Grinding Booth for Queensland Manufacturer

Earlier this year, the Queensland team installed a wet scrubber and dry booth for a Queensland manufacturer of enclosures.

The Australian owned company has built it's brand on quality and service and in 65 years it has expanded to factories across Australia and internationally. Their largest manufacturing base is in Queensland, where Ezi-Duct installed their new wet scrubber along with the associated modular ducting.

Ezi-Duct also installed the dry booth to be used for aluminium grinding. The dry booth is connected to the wet scrubber outside. Wet scrubbers are designed to remove pollutants from exhaust using scrubbing liquid. In this case it is aluminium dust from the grinding booth.



Upgrading to Ezi-Duct's Powerful ECONO 15000 HRV dust extraction system for cabinet makers

The Victorian team was asked to replace a cabinet maker's existing dust extraction system. Their original system used bags for dust disposal, which required staff to manually dispose of the waste. However it was time for the manufacturer to move on and upgrade to a larger dust collection system that made waste disposal easier.

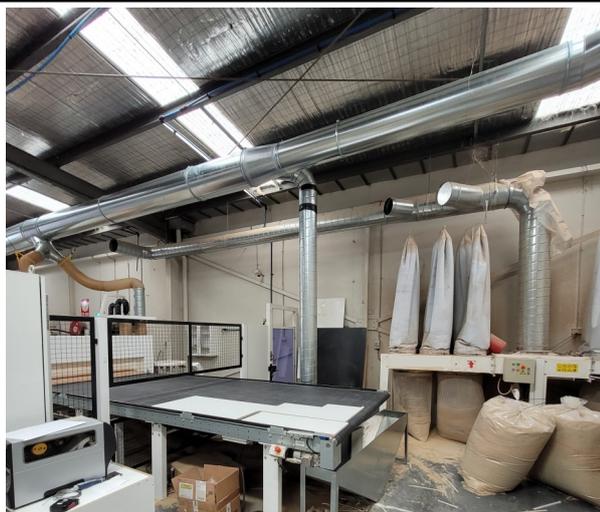
The ECONO 15000HRV installed makes the disposal of waste much easier as it deposits the dust directly into a 3m³ waste bin. There is now no more need to keep waste bags. Your business no longer needs to stop to empty bins.

The rotary valve allows the bins to be changed without disrupting the work flow.

You might already have a dust extraction system in place, but maybe you might want to consider upgrading to make life a little easier. Feel free to give Ezi-Duct a call for a staff to come have a look and see what we can do for you.



ECONO 15000 HRV installed, all the waste will drop directly into a giant bin.



On the right, you can see the old dust collection system with bags of waste dust that needs to be manually removed.



Ezi-Duct's Modular Ducting system installed across the factory.

"Have you heard of Murphy's Law, that if something can go wrong, it will go wrong?"

"Yes."

"Well, have you heard of Cole's Law?"

"No"

"It's mostly cabbage."

Queensland Men's Shed new Dust Collection System



ECompact 12000WB installed, all the waste will drop directly into a giant bin.

Another fantastic dust collection system installed at the Sandgate men's shed earlier this year. The job was designed, manufactured and installed by the Ezi-Duct's Queensland team.

The eCompact 6000WB was installed at the Men's shed. Our wheelie bin models are great for men's sheds (or any workshop for that matter) because it just makes waste disposal so much more easier. With these bin options, you do not have to worry about any heavy lifting of the waste bags or small steel bins.

The capacity of these bins are suitable for small/medium workshops (medium to large workshops have the HRV option to choose from, which deposits the waste into a 3m³ waste bin).



Ezi-Duct's modular ducting was run throughout the workshop and connected with our flexible ducting.



Ezi-Duct's modular ducting was run throughout the workshop and connected with our flexible ducting.

Fun Fact:

The Greenland shark, a big deep-ocean predator, can claim the distinction of being Earth's longest-living vertebrate, with a lifespan potentially reaching roughly 400 years. (It is however very difficult to confirm the ages of these shark, the 28 that was dated was through carbon-14 signatures in lens crystalline)

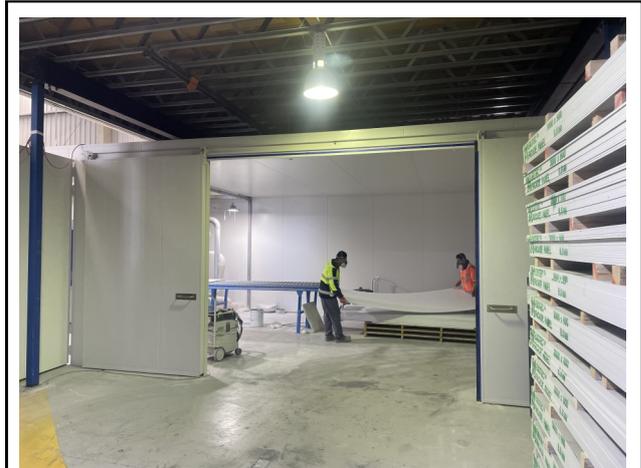
Progress shots of an MDC 36000 P installation

Recently the NSW team have been hard at work for a project at Emu Plains. The client specialises in manufacturing wall cladding, and part of that involves sanding smooth concrete panels. In order to protect their workers and minimise their exposure to the fine concrete dust, Ezi-Duct specially designed an enclosed room around the sanding machine. Ezi-Duct also replaced their existing dust collector with the super powerful MDC 36000P.

The special enclosed dust room had a narrow slot where the conveyer can feed the concrete sheeting into the sander. The MDC 36000P is connected only to the sander and it is also powerful enough to extract any fine dust that might be in the room.

The special built dust room is 24m long, 6m wide and 3m high with filtration vents to prevent any outside dust from entering into the room.

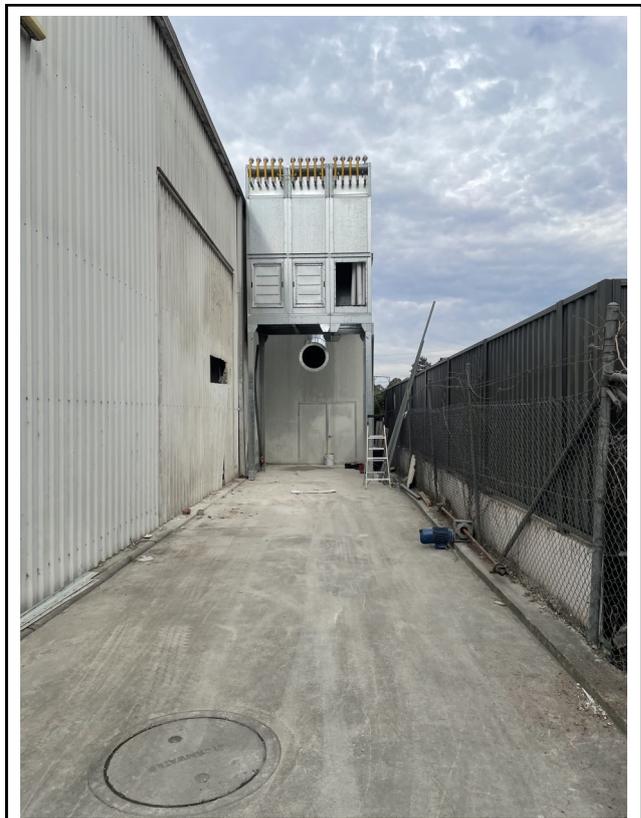
Here are some progress shots of the installation of the MDC dust collector.



Specially designed room to contain the concrete dust



Crane lifting the MDC body into location

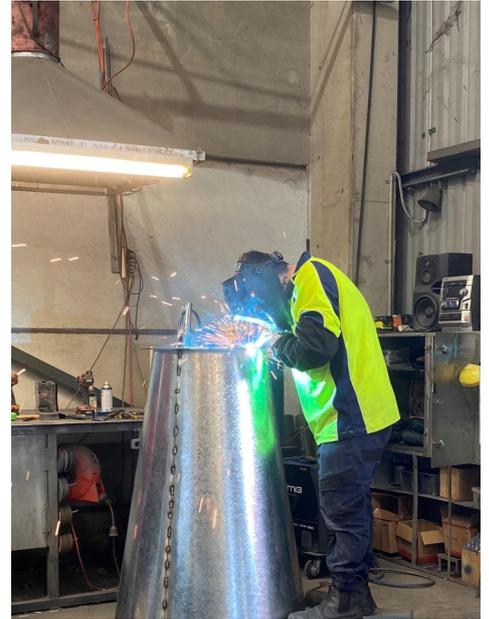


MDC 36000 installed



Celebrating Australian Made

Here's to celebrating all the hard work that the Ezi-Duct production team put in at our Queensland, New South Wales and Victorian factories. These incredibly skilled staff are the people behind the scene manufacturing the ducting and the dust collectors that are installed in businesses and workshops across Australia. This is what makes Ezi-Duct stand out from the rest, we make our machines to order. That is how we can tailor the solution to our customers.



Efficient Solution to your Pollution

Ezi-Duct is Australia's leading supplier of Australian designed and built Dust Collection Equipment and has the industry experience and the

eMission Control range



EziArm with CBS200 Fan



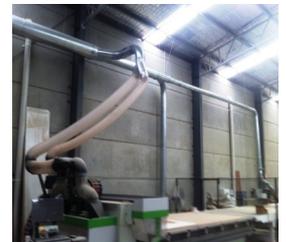
eCono 6000 C Dust Collector



MDC 18000P Dust Collector



Ezi-duct Ducting & Flexible Ducting



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