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# THE *Eneabba*

SPRING 2023    ISSUE 14

## Green Genie Nets Zero

HYBRID TECHNOLOGY CREATES  
THE PERFECT MACHINE



HIRE | ACCESS | AIRWAYS | CRANES | EQUIPMENT SALES | FINANCE | SITE SERVICES | TRANSPORT

**BROOKS**



# The story of Eneabba



When 23 year old Doug Brooks recognised an opportunity to hire out equipment to the mining industry in WA in 1979, he knew it was something he had to pursue. Doug scrambled together every dollar he had, to purchase two disassembled compressors, with the remainder of the bill being settled by bankcard. He opened 'Brooks Hire Service' and ran the business from a shed in the remote WA town of Eneabba. All the while, Doug was living in a 'humpy' at the rear of the shed. There were many that warned him of the difficulty of starting a new business in a very competitive industry, but Doug was determined and it was only a matter of time before he was turning a profit on his compressors. What started as two compressors on hire, soon turned into twelve pumps on hire, but the turning point came when Doug purchased his first piece of mobile equipment: an eight tonne JEC crane. There are many great stories that came out of that shed in Eneabba. It was the foundation of Brooks Hire and the place where all of the 'hard yards' were done. Eneabba is remembered as the birth place of Brooks Hire Service.



## From the MD...

After spending a week in Kalgoorlie for the Diggers & Dealers Conference, I headed up north to visit several of our branches. From travelling this loop of Western Australia, I can appreciate how extensive Brooks' service offering has become. From passing a JLG boom lift on the Great Northern Highway where it was making its way to Karratha, to admiring our Merlo telehandler setup at the festivities of the Shinju Matsuri Festival in Broome, and even seeing our 9-seater twin engine turboprop aeroplane carrying out a training flight to Carnarvon: it's all happening at Brooks. Oh, and I cannot forget our Learjet stopping in for refuelling at Port Hedland, before making her way to Bali for a MedEvac.

Many of our Sany excavators sold were seen among the landscape on the trip too, especially between Tom Price and Newman, with a special thanks to our valued client, Formstruct. I was also delighted to spot our fellow Field Service Technicians all over the regional roads as well, with a shoutout to Ben Seth who was on his way to help our Broome branch at very short notice.

I'd like to send my personal congratulations to our Chief Operating Officer, Josh Willett, and our Hire Manager, Jessica Rose, on the safe arrival of their little girl - Ivy. Josh and Jess have been with Brooks for many years, and now we have a new youngster to train up for a position with Brooks, (only half joking). May I also take my hat off to Luke Johnston, our front cover boy this season. Luke's knowledge in the EWP industry is unparalleled.

The rest of this year is looking extremely busy. We've got loads of events coming up over Spring, including the CCF Earth Awards, the Brooks CCF Golf Day, the WA Mining Conference, and National China Day. This activity will lead us all the way through to Christmas, culminating in our annual Harley Davidson giveaway. As there won't be another Eneabba edition between now and then, I'd like to wish all of our clients, staff, family, and friends a safe and happy festive season.

Stuart Brooks  
Managing Director

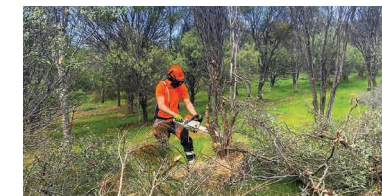
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SPRING 2023

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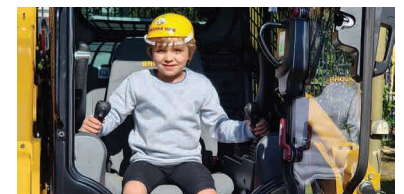
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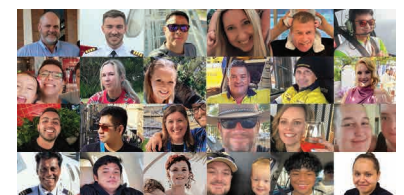
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**BROOKS**  
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## BROOKS

### CONTACT DETAILS

Brooks Hire Service Head Office

30 Coulson Way  
Canning Vale WA 6155

Phone: 1300 276 657

Email: sales@brookshire.com.au

www.brookshire.com.au

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# Green Genie Nets Zero

## Hybrid technology creates the perfect machine

The mining and construction industries are working towards a goal of net zero emissions by 2050. The high energy intensity of mining, heavy reliance on emissions intensive fuels like diesel, and the lack of access to grid electricity, have made it a challenging sector to decarbonise. This doesn't mean that it's impossible though, and recent reports warn that mining operations that do not act now would suffer reduced competitiveness as the world transitions to net zero emissions.

Electric and hybrid mining equipment represents a transformative leap in the mining industry, offering a promising solution to address the challenges of sustainability, emissions reduction, and operational efficiency. Traditional mining operations have long been associated with substantial environmental impacts, however, with the advent of electric and hybrid technologies, the mining sector is poised to embark on a more sustainable and responsible path.

By investing in renewable energy infrastructure, Brooks Access is helping their clients to significantly lower their carbon footprint while achieving long-term cost savings.

### Genie Hybrid Articulated Booms

New to the Brooks Access fleet is the Genie Z-60FE, and Z-45FE articulated booms. These are the first articulated booms by Genie that operate fully electrically. The Genie FE model booms are like two machines in one. The 'full electric' mode can run for a full day, emission-free on a single charge. The 'hybrid' mode offers a whole week of runtime on a single tank of diesel, which is very efficient compared to most diesel equipment. When in hybrid mode, the diesel engine operates at optimal efficiency, charging the batteries at the same time, which then power the electric components of the equipment.

Brooks Access Workshop Foreman, Luke Johnston, explained the motors in more detail.

"If the machine is under 85% battery power and you have it in hybrid mode, the engine will kick on when it needs to and charge it back up to 85% and turn off again," explained Luke. "While it's doing it, you can drive and operate the machine, and charge the batteries all at the same time," he continued.

There is a 24 volt battery unit on each side of the machine. The batteries are AGM as opposed to lithium, which means that the batteries are cheaper. They also act as a counter weight for the machine.

"The main charging unit controls the smart charging. It can be left plugged in when not in use, keeping the machine ready for use at all times," said Luke.

While the control system itself is very similar to that on the straight booms, the main difference is that on the FE models, the panel is located on the platform, rather than at ground level.

"There are two drive controllers, front and back, which is the same setup as other electric machines," he told us. "This is the same with the function manifolds and the valves, they parts share with other machines, making it easy to find parts for."

An added bonus to the FE models is that the AC motors are fully submersible. "You can drive the machine up and down any slope, in any drive mode because they have full torque at all times," Luke said. "The oscillating axle enables the machine to traverse over uneven terrain and keep traction and stability for safe operation. The axle has the ability to adjust any time during machine operation when in use of a function," he went on to explain.

"With other machines, if you're out of stow, their oscillating axle locks, which means if you drive it over a hole, that wheel won't fall in the hole, however if you slew the machine the other way, it can pick up the opposite wheel. In my opinion, this makes the Genie FE machine much nicer to use."



The oscillating axle, and rough terrain tyres, mean the Genie FE models are extremely versatile in all environments.

Another important benefit of using electric equipment is the noise factor. When operated in full electric mode, the Genie FE models are extremely quiet. This is of great benefit on construction sites in built up areas. "Electric mode is so quiet you could use the machine on a Sunday morning in the suburbs and the neighbours wouldn't even hear it," said Luke.

Brooks Access has invested in several Genie Hybrid articulated booms. They come in the Z-60FE and Z-45FE models, with heights of 60 foot, and 45 foot respectively. The machines can be used indoors or outdoors, and when used in electric mode, are completely emission free. Brooks can also supply solar panels and battery storage systems so that they can be charged entirely by re-newable energy. Going green is the way of our future, and Brooks will continue to invest in that future.





# The Good Harvest



## Sandlewood brings sweet smell of success

The sandalwood industry in Western Australia has a long and storied history, dating back to the early days of European settlement in the region. Sandalwood is a valuable aromatic wood derived from several species of the *Santalum* genus, with Indian sandalwood (*Santalum album*) and Australian sandalwood (*Santalum spicatum*) being the most well-known varieties. In Western Australia, the focus is primarily on Australian sandalwood.

This quarter, we caught up with Daniel Fraser, Director of DC. Harvest to discuss their involvement in the sandlewood harvesting industry.

### Tell us about DC. Harvest. When did the business start, and who are your team?

DC. Harvest is a new company starting in August 2023. We have built our team around a combination of New Zealand forestry and Western Australian mining, with over 25 years and 15 years respective experience. We believe that by combining two prominent industries we can apply quality extraction processes, while adding mining safety and project management, into our company model to provide an effective, measured, and safe harvesting service for our plantation owner clientele.

### What locations do you operate in?

We are currently operating within the Wheatbelt region of WA, and aim to develop the resources to encompass the wider Western Australia and Northern Territory plantation regions.



### What are the primary methods that you use for harvesting?

Primary methods for extraction involve a combination of machinery and chainsaw use. We have a systematic, and production line approach which focuses on maximising tree harvesting and processing in a clean and fast approach to minimise plantation owner cost.

### Are there any specific seasons or times of the year when you are most busy?

Generally, in the Perth region, it can be year-round but it's highly dependent on land owner needs (i.e wet months vs heavy machinery on land etc.). In the North, this is largely dictated by the wet season and generally will be the dry season that harvesting can commence safely and efficiently.

### How do you manage transportation and logistics of harvested goods?

Currently, the product is managed from plantation, to bagged product, and then handed over to the plantation owner for export. DC. Harvest are capable of arranging the logistics should clients request such services.

### What sets your business apart from others in terms of quality, pricing, or other factors?

DC. Harvest has a highly experienced forestry logging team from New Zealand, coupled with strong leadership and project management skills learned here in the Western Australian mining sector. Our system enables us to achieve a high tree production rate with minimal machinery and people. We are fully mobile, self-accommodating, and our revenue is generated through an agreed tonnage rate. We understand the huge investment plantation owners have made regarding time, so we provide a service that is financially controlled through a 'pay for what is pulled' approach. We measure and report on each stage of our production system from chainsaw use, through to tumbled and bagged product, allowing our operation to be transparent to the client, while consistently optimising throughout the project schedule.

### What are some of the risks involved with your business and how do you mitigate those risks?

The primary risk is plantation readiness. Sandalwood plantations can take up to 20 years before harvesting becomes a viable option. Secondary, is weather: storms and fire events etc. which effects most industries in WA. Although handy to know, it would be a labour-intensive task understanding the Western Australia plantation readiness. Right now, risk mitigation involves purchasing and maintenance of new equipment, continual improvement to our culture and systems, while doing the work to promote our services to the larger sandalwood owner audience.



### What are some of the major challenges that your business has faced, and how have you overcome these?

Working remotely has its fair share of challenges. The focus is to ensure a safe and comfortable living space for the team, making sure items such as water are readily available, and effective emergency response plans can be put into place. The mining industry has developed strong industry and emergency services in WA and we are fortunate to have such a well-developed state that even in remote settings, any safety response is only a two-way call away.

### What is your businesses vision for long term sustainability and growth?

DC Harvest is set to become the number one harvester for Sandalwood plantation owners in Australia. We have aimed to focus solely on the Sandalwood industry and expand into multiple projects simultaneously.

Sandlewood plantation owners can contact Daniel from DC. Harvest at [daniel@dcharvest.com.au](mailto:daniel@dcharvest.com.au) or call 0497 448 649.





# Carting Big Kit

## Brooks Transport gets new swingwing trailer

As demand for equipment transport reaches an all new high, the Brooks Transport team continues to grow, and with that, the equipment required to move product does too. In addition to the recent purchase of two new 50 tonne trailers, Brooks Transport acquired their first swingwing trailer earlier this year: an MTE 100 tonne trailer.

Able to be raised and lowered by 280 millimetres, the float can expand from 2.7 metres wide, to an impressive 4.6 metres wide. Vertical differentiation is achieved through the raising and lowering of a hydraulic gooseneck, and horizontal variation is achieved through the hydraulic shifting of hinges operating the trailer's spine. As the float's pontoons – or “wings” – swing backwards, they widen and grow in length. This widening creates more stability and allows for greater carrying capacity.

Where Australian trucking restrictions are extremely particular, the swingwing's variable measurements have allowed the Brooks team to cart larger equipment more efficiently, safely, and faster.

*“We’ve got a whole range of floats, with a combined carting capacity of 85 tonnes,” Mick shared. “So, it’s a big advantage to the Brooks Group being able to move all of the larger hire gear around ourselves”*

MICK TINK, GENERAL MANAGER OF BROOKS TRANSPORT

### The Deciding Factor

With the 100 tonne swingwing already in steady use since its purchase, Brooks Transport General Manager, Mick Tink, has only positive feedback on the float.

“We’ve got a whole range of floats, with a combined carting capacity of 85 tonnes,” Mick shared. “So, it’s a big advantage to the Brooks Group being able to move all of the larger hire gear around ourselves”.

Joining the Brooks Transport team earlier this year, Mick has been in the transport industry for most of his professional career. Having started as a driver himself in his own ‘chiller’ business, “running around the South West delivering chiller products,” he then transitioned into a logistics position, coordinating large-load trucks that totalled a combined weight of 163 tonnes. Mick’s knowledge of big rigs and heavy equipment, contributed to the decision to add the larger float to Brooks’ fleet.

Shipped from Melbourne to the Brooks Transport head branch in Canning Vale, WA, the trailer is designed by Modern Transport Engineers (MTE).

A family-owned business that originated in Hamilton, New Zealand in 1973, MTE is the largest supplier of specialised transport trailers in Australasia. The booming mining industry and growing Australian clientele base saw the company expand into Australia, opening a branch in Brisbane in 2009. Now a leader in the industry, MTE supply an extensive range of trailers and parts, Australia-wide.



### Travelling With a Big Rig

In Western Australia, Main Roads require permits to be completed for any load weighing over 40 tonnes. In the heavy equipment industry, this process is more common than not. Known as an ‘Oversize Overmass (OSOM) Single Trip Permit’, the Transport team send off the dimensions and weight of the load being carted, as well as the truck, combination, and trailer. Once cleared, Main Roads provide route options to comply with road bearing allowances and bridge height restrictions.

Having a swingwing trailer in the fleet, makes transporting large equipment – and the compliance associated with it – a much simpler process.

“The hydraulic gooseneck changes how you can load and unload equipment,” Mick explains. “You can alter whether your truck or your dolly has more weight on it or whether you kick it back to put more on your trailer, depending on regulations.”

### Transporting the D10 Dozer

When asked about his transportation projects with Brooks, Mick considers transporting the 70 tonne Cat D10 Dozer the most challenging. “It’s the biggest unit we’ve carted to date, and we’ve done it twice now.

“At 5.4 metres wide, it was up there in width as well, which made it a tough one to coordinate.”

Travelling from Maddington to Nerramyne in WA, with a load this large, two pilot vehicles were required to travel with the truck. The team positioned the blade on the gooseneck, sitting the dozer as far forward and with as much weight on the dolly as possible.

Visually, the machine is so far forward that it looks as if another machine can be situated behind it, however, with carrying restrictions, this isn’t possible.

“It’s just about getting that weight forward and getting it right,” Mick said. “You want to get most of the weight forward so you’ve got plenty up your sleeve for Main Road allowances.”

Challenging to coordinate, these projects are also Mick’s favourite: “Logistically, this sort of trailer setup is interesting because you cart something different every time.”

In the coming months, the Brooks Hire team are bringing in some much larger machinery, including excavators that will measure in at 4.7 metres wide. The inclusion of the swingwing in the Brooks Transport fleet will be pivotal to the team’s capacity to transport this larger equipment.

To find out more, visit [www.brookstransport.com.au](http://www.brookstransport.com.au)





# Victoria's Big Build



Photo credit State Government of Victoria, Australia

## Reconnecting a community

A series of major road and rail projects are underway across Victoria, as part of the state's 'Big Build' project, designed to better connect communities, alleviate congestion in metro areas, and get Victorians to their destination faster and more safely.

Among the 207 projects in various stages of planning, through to completion, are schemes to remove level crossings, reinstate and expand regional train lines, and develop roads on a mass scale. Since Victoria's Big Build began work in 2015, 98 of these projects have already reached completion.

A major program, accounting for many localised projects, is the Regional Rail Revival.

### Regional Rail Revival

Limited transport connectivity is an ongoing issue affecting communities in rural areas, preventing access to the same level of health support, education, and employment opportunities as those in urban locations. In a review of the 2013 Regional Development Australia (RDA) Committee Regional Plans, released by the Australian Bureau of Statistics, among the 53 committees across Australia, 48 reported issues with their public transport system, including

the lack of frequent, reliable, and affordable public transport options in their areas.<sup>1</sup>

In a 2020 Transport Landscape and Connections Analysis completed by the Far South Coast RDA, the limited availability and frequency of public transport in the area, as well as the cost of its services, had negative effects on access to employment, education, and training in the Far South Coast region.<sup>2</sup> An issue experienced by a large proportion of Victoria's regional communities.

Aiming to increase opportunities for those living in rural areas, Victoria's Big Build looks to upgrade every regional passenger rail line in Victoria, with the Regional Rail Revival project. This development will see servicing to regional communities expanded, providing faster and more frequent trains, with 16 stations upgraded, 4 new stations built, and more than 150 level crossings upgraded or removed. As a whole, the project will deliver 200+ new and extended services.

The Regional Rail Revival program is funded by a \$4 billion investment from the Australian and Victorian governments, with five of the ten projects already completed, including the Bendigo and Echuca Line Upgrade which was finalised in August of this year.

### Bendigo and Echuca Line Upgrade

Delivering three new stations just outside of Bendigo and laying 80km of upgraded track between Epsom and Echuca, the project has tripled weekday services between Bendigo and Echuca, creating faster trains and travel.

Track upgrades have allowed increased speeds on the lines, with trains now able to travel up to 100km/h between Goornong and Echuca, and up to 130km/h between Epsom and Goornong, having previously been capped at 80km/h.

*"These upgrades mean Echuca Line trains can go faster and get people where they need sooner – better connecting communities in central and northern Victoria with each other and the rest of Victoria."*<sup>3</sup>

MINISTER FOR TRANSPORT AND INFRASTRUCTURE, AND MEMBER FOR BENDIGO EAST, JACINTA ALLAN

Rural town, Goornong, hadn't had a train in its station since 1979, before it reopened with the Regional Rail Revival project in 2021. The reconstruction of a functioning station has been more than 10 years in the making, with 175 residents first signing a petition for a train station to Bendigo in 2011, then tabled by local council.<sup>4</sup>



Today, the new station has reestablished connection between regional Victorians and the city, providing greater opportunities for the growing community and building social inclusion.



## VICTORIA'S BIG BUILD A BRIEF OVERVIEW

- 165 road and rail projects
- 85 level crossings removed
- New rail line under Melbourne's CBD, with 5 new stations
- New stations and improving train services
- Building and upgrading roads, freeways, and bridges
- Upgrading every regional passenger rail line
- Linking the airport to the train network
- New rail line to Melbourne's middle suburbs
- New spaces to walk and cycle



With the population of Victoria predicted to hit 10 million by 2051, the State Government are promising Victoria's Big Build will deliver the rail and road infrastructure needed to keep Victorians moving in decades to come. For more information on Victoria's Big Build, visit [www.bigbuild.vic.gov.au](http://www.bigbuild.vic.gov.au)

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Photo credit: Jack Dell

# Locked and Loaded

## Delivering the big guns

The heavy haulage transport industry can certainly throw out some interesting challenges, and a request for Brooks Transport to convey military equipment recently, was one such example.

A large port logistics company in Brisbane put out the call for the transport of a South Korean army tank that was being used as a part of Exercise Talisman Sabre 2023 (TS23).

Exercise Talisman Sabre is conducted biennially and is the largest combined training activity between the Australian Defence Force and the United States military. The exercise is designed to test the respective forces in planning and conducting combined (multinational) and joint (multi-service) military operations. It aims to improve the combat readiness and interoperability between Australian and United States' (US) forces and other partner nations.

This year, Exercise Talisman Sabre ran from 22nd July to 4th August across a broad range of locations including New South Wales, Queensland, Northern Territory, Western Australia, and Norfolk Island. It was the 10th, and largest iteration of the exercise, which consisted of field training exercises incorporating force preparation activities, amphibious landings, ground force manoeuvres, and air combat and maritime operations.

More than 30,000 military personnel from 13 nations directly participated in TS23, with others attending the exercise as observers. Fiji, France, Indonesia, Japan, Republic of Korea, New Zealand, Papua New Guinea, Tonga, the United Kingdom, Canada, and Germany attended as participants. The Philippines, Singapore, and Thailand attended as observers to the exercise.

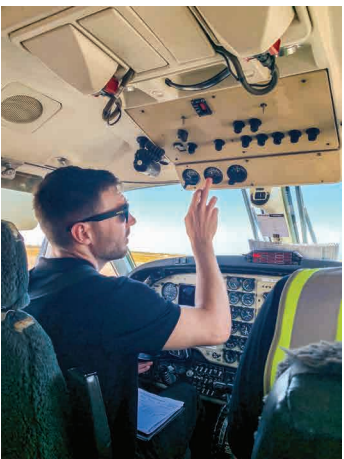
Prior to the event, the Australian Defence Force notified the public that military vehicle convoys will be on public roads, including highways and country roads.

On moving the military equipment, Brooks Transport Manager, Adam Weeks explained, "There were strict loading and unloading times that we had to meet."

"Drivers weren't allowed to go inside the tanks, and we needed to have a member of the armed forces riding with the truck driver the whole way," he continued.

Driver, Jack Dell used Brooks Transport's prime mover and low loader to transfer the tank from the Shoalwater Bay Military Training Area in Byfield, Queensland, approximately 200km south to Gladstone Port.

This was the first military transport assignment that Brooks Transport has undertaken. The job required a little more planning than usual, and it was handled with military precision. Transporting more than 'big yellow gear,' Brooks Transport can deliver any load required.



# Building the Ranks

## Line training in the Gascoyne

Brooks Airways has been building their pilot ranks with flight training exercises in the Gascoyne region of Western Australia. Line training for pilots, also known as 'line indoctrination' or 'line flying' is a crucial phase in a pilot's training and career development. It involves real-world, on the job training that takes place after a pilot has obtained their commercial pilot's license when commencing work with a new airline.

Brooks Airways pilot, Clive Macaskill recently completed his line training under King Air specialist, Captain Rod Smith. Captain Smith has 30 years, and over 14,200 hours experience as a pilot. The chosen route was from Perth Airport to Carnarvon Airport. The round trip of approximately 1800kms takes about four and a half hours return, bringing Captain Macaskill's line training hours up to 10.4 hours, and completing the 10 hour requirement to qualify him as a Captain for Brooks Airways.

Before line training commenced, Captain Macaskill was required to complete an Operator's Proficiency Check (OPC). The OPC was conducted in Melbourne using a flight simulator. With 8 years, and 3000 flying hours already under his belt, Captain Macaskill passed with 'flying' colours.

### Aircraft Familiarisation

Line training usually begins with an extensive introduction to the specific aircraft type the pilot will be operating. In this case, Captain Macaskill was being inducted to the King Air B200 twin prop turbo aircraft. Brooks Airways owns seven King Airs and they are usually used for private charters, FIFO flights, and air freight. The aircraft familiarisation phase includes studying the aircraft systems, cockpit layout, emergency procedures, and company procedures.

### Operational Procedures

During line training, Captain Rod Smith instructed Pilot Clive Macaskill on Brooks Airways' specific operating procedures. Operating procedures include checklists, communication protocols, standard operating procedures (SOPs), and crew resource management (CRM) techniques. Brooks Airways' policies regarding safety, security, and customer service were also topics of conversation.

### Navigation and Decision Making

An important aspect of line training is gaining experience in navigation, and also making decisions in real-world flying conditions. These include dealing with adverse weather, air traffic control instructions, and handling unforeseen situations or emergencies.





# All Cisterns Go

## Plumbing NT keeps the Top End flowing

Earthmoving equipment has a vast array of applications across many different industries. Recently, Brooks Equipment delivered two brand new Sany excavators to Northern Territory plumbing company, Plumbing NT. We invited Plumbing NT Director, Pat Whitehead, to share his business experience in the industrial, commercial, and residential plumbing industry.

### Tell us about Plumbing NT. How did it all start, and what is your area of expertise?

Plumbing NT began in 2010 when Darwin business owner Pat, identified a great demand in the NT for quality commercial, industrial, and residential plumbing, and to also assist in emergency plumbing situations. Plumbing NT strive to ensure that all clients have a positive experience when dealing with plumbing issues. To ensure that they consistently meet the needs of their clients, Plumbing NT invest in the latest equipment, systems, and technologies.

### What type of services does Plumbing NT offer?

Plumbing NT offer a diverse range of services from basic household plumbing needs and maintenance, to large commercial and industrial new builds. This includes installation of hydraulic, trade waste, fire, CO<sub>2</sub>, and LPG gas services. Plumbing NT are committed to providing a high standard service for all their customers, priding themselves on honest, affordable, and quality workmanship. When planning your next project, you can rely on Plumbing NT to deliver innovative solutions, quality work, on time, on budget and above all expectations.

### Do you offer emergency callouts?

Plumbing NT offer essential round-the-clock emergency support for both residential and commercial properties. These services provide immediate assistance for a wide range of plumbing issues, including burst pipes, leaks, blocked drains, and more. Experienced plumbers are on call, equipped to respond promptly and efficiently to emergencies. This availability extends to weekends and holidays, ensuring help is just a call away whenever needed.

### What sets Plumbing NT apart from your competitors?

We are always striving to be the best. We aim to be recognised and well known in the industry as the most trusted and valuable leader in providing quality plumbing services and exceptional customer satisfaction. We aim to do this by continually improving the services we provide our customers.

### Plumbing NT recently purchased two new Sany excavators, what type of work do you use these for?

These machines are extremely valuable assets on multiple large current projects of ours. Notably, Darwin's newest KFC restaurant and drive-thru, as well as a new build within Berrimah Science Farm, and the Holtz Correctional Centre sewer upgrades.

This machinery plays a crucial role on large commercial new build projects of this nature. For our company they are used to perform a wide range of tasks such as digging trenches, accessing underground services and pipelines, manoeuvring large material, as well as backfilling, site clean-up and restoration works. This makes them an essential component of our construction sites.

The sizing of the 5 and 8 tonne machines we have purchased is a critical factor that impacts functionality and suitability for specific tasks and job sites. For us, these machines are perfect for these sized projects due to limited site access and trafficable areas, whilst working with and alongside multiple trades on site.

### Is there any other heavy equipment in your fleet?

At present, our excavators would be our largest excavation equipment, however Plumbing NT are always investing in innovative equipment to enhance productivity, efficiency, and product quality. Staying at the forefront of technological advancements can provide a competitive edge, attracting customers who value innovation and positioning the business for long-term growth.

### What has been your most challenging project, and how did you approach and solve the problem?

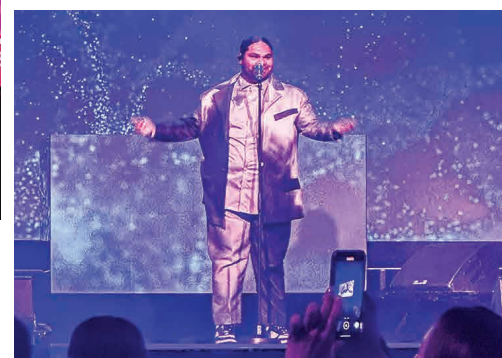
All of our projects present challenges. However, we always plan, prepare, and execute to make it happen.

*Our quality statement expresses our commitment to meet and exceed customer satisfaction, requirements and expectations. The quality of our work is a reflection of our business. All employees, from plumbers to admin are dedicated to following our quality control procedures to ensure a superior level of service deliverability. This ensures our risk level is low and we are continually building our reputation as quality service partners.*

To find out more about Plumbing NT, call (08) 8997 5700 or visit [www.plumbingmaintenanceservices.com.au](http://www.plumbingmaintenanceservices.com.au)







# Roy Hill IEBF 2023

## Celebrating our Indigenous women

The Indigenous Emerging Business Forum (IEBF) is a not-for-profit organisation that focuses on encouraging and assisting employment and business development opportunities for First Nations peoples.

The IEBF works collaboratively with the Indigenous and non-Indigenous communities to connect all size businesses together with the aim of Indigenous business growth. IEBF is self funded and receives no government contributions, instead relying heavily on industry partnerships, event sponsors, and public donations.

Held on Friday, 8th September, the Roy Hill IEBF 2023 event was the largest to date with 120 business booths and over 1500 people in attendance. The event was held at RAC Arena, situated on the ancestral lands of the Whadjuk Noongar people. The theme was 'Celebrating Our Women'. There were nominations for seven categories including: Business of the Year, Businesswoman of the Year, Community Ambassador, Outstanding Impact, Sports Ambassador, Supplier Diversity, and Young Entrepreneur of the Year.

Guests were invited to attend the trade show from 2pm, where a sea of business booths showcased Aboriginal entrepreneurial talent. Emerging and developing Aboriginal businesses were invited to exhibit at the trade show free of charge. While established Aboriginal businesses were asked to pay a small fee which goes back into helping other up-and-coming businesses.

Following the trade show, there was a dinner and awards presentation, featuring keynote speakers, Lorraine Pryor and Liza Fraser-Gooda. Entertainment was provided by Aboriginal artists including 2023 Australian Idol winner Royston Noell, rapper Baker Boy, and Aboriginal dance group, Little Boorloo.

Roy Hill IEBF 2023 was a resounding success, smashing the record for attendance at the 2022 event. Brooks Hire were proud to be a VIP level table sponsor, enabling a table of 10 Aboriginal community members to attend. In addition, Brooks also hosted a table of 10 with Simon Shin, Noelene Walley, and Jodi Walley from Olive Branch Enterprise as our guests.

# Breaking New Ground

Brooks Equipment now stocks the new Series GK range of rock breakers from Italdem, offering high quality tools for all applications.

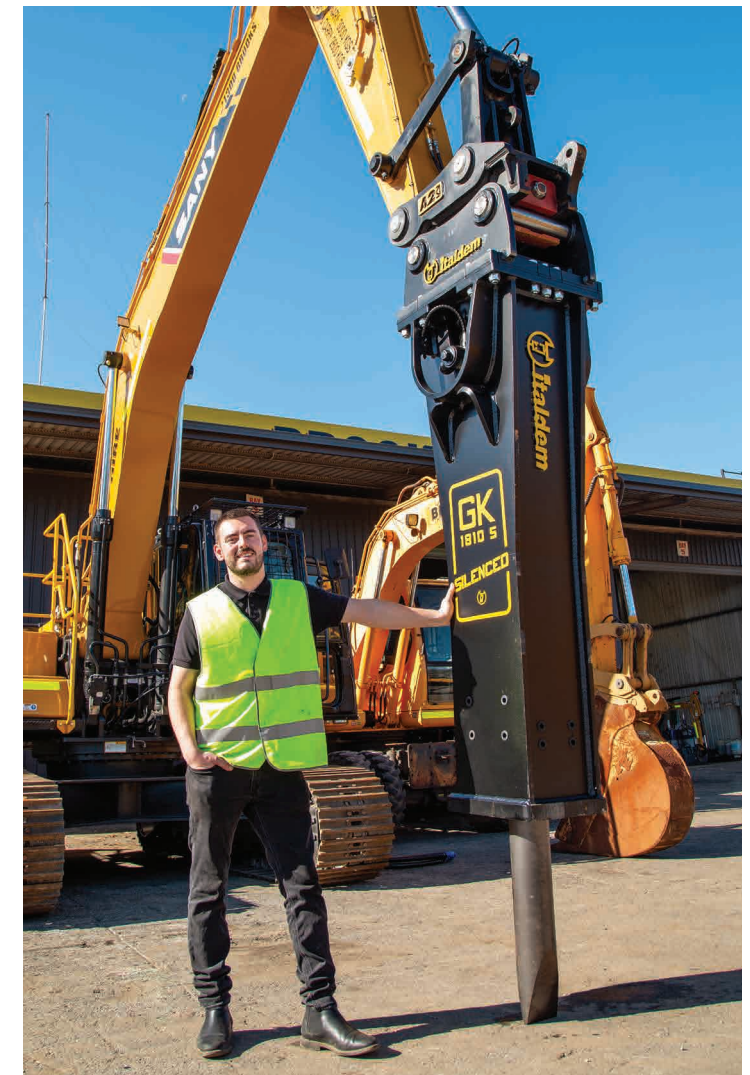
When it comes to purchasing construction equipment, most people put a lot of consideration into the quality of the machines that they're purchasing. This is particularly true for large equipment such as excavators, and for very good reason. The quality of the construction equipment you use ultimately affects the efficiency and productivity on your worksite. Machinery is expensive, and you want to know that you've made a sound investment that will stand the test of time. It's also important to give the same consideration to the quality of your machine attachments – such as rock breakers.

Rock breakers are specialised tools designed to break and demolish rocks, concrete and other tough materials during construction, mining, quarrying and demolition projects. These attachments use hydraulic power to deliver high impact blows, enabling them to fracture and break hard materials effectively. With such a high impact workload, the quality of your rock breaker attachment is just as important as the machine that you have it attached to.

Brooks Equipment Sales has recently taken delivery of a range of new rock breakers from Italian manufacturer Italdem. Specialising in rock breakers and attachments, Italdem has over 40 years of experience backing up its products. Its Series GK rock breakers use first class materials and intelligent technology that predicts the morphology of the rock being demolished, automatically triggering the adequate force needed by the hammer as it delivers the blow. Hydraulic fluid is used to build up pressure in the breaker, which is then released in controlled bursts to generate the necessary force to break the rock or concrete.

Outperforming other breakers on the market, Italdem rock breakers are equipped with internal sound-proof walls, which contribute to reduced noise. Improvements have also been made to their shock absorbance systems, with springs being substituted with new rubber cushions that absorb vibrations. The simplicity of its assembly also minimises maintenance costs.

"We've been importing Italdem rock breakers for three years now," Brooks Equipment General Manager, Nathan Fenemer says.



"Our clients use them in some of the toughest work environments in the world and we've always received positive feedback."

The smallest Italdem rock breaker available through Brooks Equipment is the GK-75S model. This little breaker has an operating weight of 75kg and is suitable for excavators up to two tonnes.

Following on from there, Brooks Equipment sells rock breakers to suit excavators all the way up to 45 tonnes. The GK-4000S model for example, weighs in at four tonnes, with a chisel diameter of 185mm. This large-scale breaker is perfect for heavy-duty demolition and quarry work.

"Our breakers come complete with a mounting plate and pins, a set of hydraulic hoses, chisel tool and blunt tool," Fenemer says.

"We've got them in stock now, and we can supply them to any location in Australia. We can even arrange inhouse finance for our customers."

To learn more about which Italdem rock breaker would suit your machine, visit the Brooks Equipment Sales website at [www.brooksequipment.com.au](http://www.brooksequipment.com.au) or give Nathan Fenemer a call on 1300 276 657.

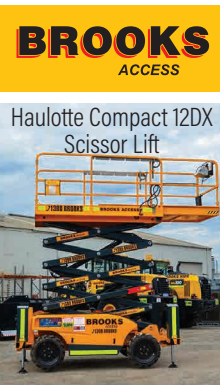


# New Equipment

## THE BROOKS FLEET OF ASSETS



We've got truck loads of new equipment rolling into our yards all over Australia. Here are just a few of our new machines.







## Diggers & Dealers 2023

Australia's leading mining forum, Diggers & Dealers, kicked off in Kalgoorlie from 7th - 9th August 2023. The event provides a unique opportunity for industry professionals to meet and network, visit regional mine sites, and generally engage with the resources sector at an executive level. Managing Director, Stuart Brooks, and Equipment Sales General Manager, Nathan Fenemer, attended the event on behalf of Brooks. Extended thanks to Bernie from Rapid Crushing who very generously shared his stand with us once again.



## Perth Tradie Expo

The Perth Tradie Expo is one of the biggest events on our calendar. Held annually across three days in June, the event attracts thousands of workers in the construction industry. There is plenty of machinery and earthmoving equipment on hand. Everything from excavators, loaders and dumpers – to rammers, compactors, augers and all the attachments. Once again, Brooks' display did not disappoint with hire gear, brand new excavators and rock breakers for sale, green energy solutions, access equipment, and more. The Brooks display is one of the most popular for parents with ride on loaders and colouring activities for the kids, plus plenty of merchandise giveaways.

## CCF NT Trainee & Apprentice Awards



Congratulations to our very own Jimmy Green! Jimmy was selected as a finalist in two categories at the Civil Contractors Federation Northern Territory (CCF NT) Trainee & Apprentice Awards.

Held on Saturday, 8th July, the event recognises and celebrates Trainees and Apprentices in the civil industry.

Jimmy originally came to Brooks for a two week work experience placement. We were so impressed with Jimmy's positive attitude and commitment to learn, that Brooks offered him a Heavy Duty Diesel Mechanic Apprenticeship which he began in June 2022. Jimmy was a finalist in the 'First Year Apprentice of the Year' category, and the 'Rae Snodgrass Trainee of the Year' category. Well done Jimmy!



Lyle Blewit, Jimmy Green, and Naomi Blewit of the Brooks Hire Darwin branch.

## CCF WA President's Breakfast



The Brooks team were at the annual Civil Contractors Federation WA President's Breakfast, hosted by President, Leon Fogliani. It was an insightful morning with guest speaker, Adrian Hart from BIS Oxford Economics, sharing his forecasts and insights on the Western Australian Civil Construction market. What a fantastic start to the day!

## WA Mining Club Masquerade Ball



The WA Mining Club held a Masquerade Ball on Saturday, 19th August at Optus Stadium. Rio Carnivale was the theme of the event with colour, opulence, and a whole lot of fun. Brooks staff members Gary Bushell, Monique Matesich, and Alison Wilkes attended the ball with their partners. They also entertained guests, Jason Varcoe from NTC Contracting, and Mark Hatfield from MLG OZ, along with their partners. It was a great opportunity to network with colleagues and clients in the mining industry.

## LGIS Golf Tournament

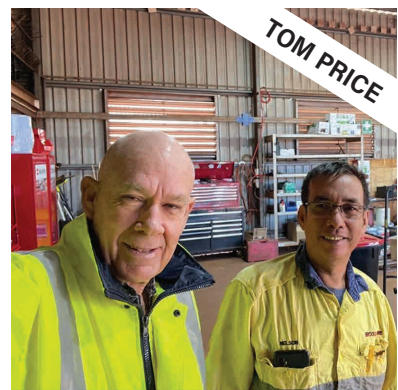
LGIS is local WA governments working together. Every year, a two day LGIS Golf Tournament is hosted in a different Western Australian region. This year, the tournament was hosted in the Shire of Cuballing. Brooks Hire was a Gold Sponsor for the event, with Gary Bushell and Joe Goulding playing for the Brooks team. This year the tournament was won by the Shire of Wandering, entitling them to host the 2024 event.





# On the Road Again

Doug and Roma Brooks have been travelling around the Pilbara region, supporting their staff in remote locations.



## Karratha Site Visit

Jacinta Pickering from Brooks Access, and Joe Goulding from Site Services, paid a visit to Karratha recently to reasearch projects in the area.



## It's a Super Deal!

Congratulations to Mick from Ertech who was the lucky winner of our July Super Deal prize. Every month we give away a prize to one of our customers just for hiring from Brooks.



## Apprenticeship Completion



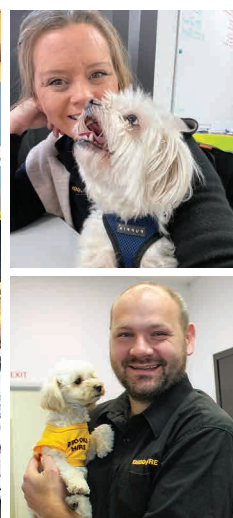
Congratulations to Sam Phillips, who recently completed his Mechanical Fitter Apprenticeship with Brooks.

His favourite aspect of the role has been, "exposure to a large variety of equipment in the workshop as well as getting to travel to a bunch of different sites and locations for field service."

The workshop team celebrated Sam's achievement with a shared 'smoko' on Friday, 28th July.

## Doing it for the Doggos!

Brooks celebrated RSPCA Day on Friday, 11th August. All branches received cakes for morning tea, and donations were made to support animal welfare. Some lucky pupsters and one bearded dragon were allowed to come to work for the day.





# Welcome Aboard

## Lee Baddeley

**What was your first job:**  
Aircraft Mechanic, Royal Air Force.

**What is your role at Brooks:**  
Chief Engineer, Brooks Airways.

**What did you want to be when you grew up:** Soccer player.

**What achievement in life are you most proud of:** Serving in Afghanistan.



**How would you describe yourself in 3 words:**  
Old, overweight, and grumpy?

**Where would we find you on the weekends:**  
Watching rugby union.

**What is something that you're really good at:** Snooker.

**What is something that you're really bad at:** Golf.

**If you could invite anybody to dinner (dead or alive), who would it be:** Freddie Mercury.

**Favourite Cake:** Carrot.

**Favourite song:** Male Stripper (Man 2 Man).

**Favourite holiday destination:** Majorca.



## Jason Prince

**What was your first job:**  
Trainee Aluminium Fabricator.

**What is your role at Brooks:**  
Field Service Technician, Bunbury WA.

**What did you want to be when you grew up:**  
Mechanic.

**What achievement in life are you most proud of:** My 3 sons.

**How would you describe yourself in 3 words:** Happy, social, fun.

## Laura Low

**What was your first job:**  
Working at a golf course.

**What is your role at Brooks:**  
IMS Administrator and Training Coordinator, Perth WA.

**What did you want to be when you grew up:** A hairdresser.

**What achievement in life are you most proud of:** Raising two beautiful girls.



**How would you describe yourself in 3 words:**  
Intelligent, caring, and curious.

**Where would we find you on the weekends:**  
Playing with my new puppy.

**What is something that you're really good at:**  
Taking care of people.

**What is something that you're really bad at:**  
I'm really bad at cricket.

**If you could invite anybody to dinner (dead or alive), who would it be:** My parents in Canada.

**Favourite Cake:** Anything with chocolate.

**Favourite song:** Anything from Mariah Carey- her older albums.

**Favourite holiday destination:** Canada.

**Where would we find you on the weekends:** Socialising with friends, clay target shooting.

**Something that you're really good at:** Thinking outside the box for a solution to a problem.

**Something that you're really bad at:** Getting into problems that require me to think outside the box.

**If you could invite anybody to dinner (dead or alive), who would it be:** Robin Williams.

**Favourite Cake:** Black forest.

**Favourite song:** 'Blue on Black' by Kenny Wayne Shepherd.

**Favourite holiday destination:** Thailand.

## Lyn Farmer



**What was your first job:**  
Receptionist at Begley Engineering.

**What is your role at Brooks:**  
Operations Coordinator, Brooks Airways.

**What did you want to be when you grew up:** A hairdresser.

**What achievement in life are you most proud of:** My kids – (young adults).

**How would you describe yourself in 3 words:** Cheeky, grateful, loving.

**Where would we find you on the weekends:**  
With my kids/grandson - maybe speedway or having a coffee with friends at Coogee.

**What is something that you're really good at:**  
Adapting to new environments and situations.

**What is something that you're really bad at:**  
Switching off from work.

**If you could invite anybody to dinner (dead or alive), who would it be:**  
Elvis Presley / Queen Elizabeth.

**Favourite Cake:** White mud cake.

**Favourite song:** "Your Kind of Love" – Ronnie Brooks/"Bless he Broken Road" – Rascal Flatts.

**Favourite holiday destination:**  
Nashville / Florida, USA.

## Juan Londono

**What was your first job:**  
Light vehicle mechanic apprenticeship in a dealership.

**What is your role at Brooks:**  
Light vehicle mechanic, Adelaide.

**What did you want to be when you grew up:**  
Professional racing driver.

**What achievement in life are you most proud of:**  
Having finished my automotive studies in a foreign language and getting close to a permanent resident.



**How would you describe yourself in 3 words:**  
Friendly, honest, and positive person.

**Where would we find you on the weekends:**  
Riding my super bike on the hills or a track with my friends.

**What is something that you're really good at:** Quick learner.

**What is something that you're really bad at:**  
Maintain a gym routine for a long time.

**If you could invite anybody to dinner (dead or alive), who would it be:** My family.

**Favourite Cake:** Custard donuts.

**Favourite song:** "Innerbloom" by Rufus du sol.

**Favourite holiday destination:** Colombia.

## Jodie Walley

**What was your first job:**  
Medical Receptionist.

**What is your role at Brooks:**  
Accounts Administrator - Perth, WA.

**What did you want to be when you grew up:**  
Counsellor.

**What achievement in life are you most proud of:**  
My family.



**How would you describe yourself in 3 words:**  
Laid back, compassionate, genuine.

**Where would we find you on the weekends:**  
Kids football, basketball, or out bush.

**What is something that you're really good at:** I used to be quite good at basketball and netball - not so much now though.

**What is something that you're really bad at:**  
Organising family events.

**If you could invite anybody to dinner (dead or alive), who would it be:** My grandparents who have passed away.

**Favourite Cake:** Butter cake.

**Favourite song:** Give Me Jesus.

**Favourite holiday destination:** Israel.



# Clive Macaskill



**What was your first job:**  
My first job was delivering pizzas. My first job as a pilot was dropping skydivers over Rottnest Island.

**What is your role at Brooks:**  
Pilot - Brooks Airways.

**What did you want to be when you grew up:** Fighter Pilot.

**What achievement in life are you most proud of:** Achieving my commercial pilot's licence.

**How would you describe yourself in 3 words:** Spontaneous, resilient, easy-going.

**Where would we find you on the weekends:**  
At the beach or on a hike with my dog.

**What is something that you're really good at:**  
Woodwork.

**What is something that you're really bad at:**  
Singing.

**If you could invite anybody to dinner (dead or alive), who would it be:** Jordan Peterson.

**Favourite Cake:** Salted caramel cheesecake.

**Favourite song:** "Big City Life" by Luude & Mattaffix.

**Favourite holiday destination:** Bali.

# Romie Glanville

**What was your first job:**  
Stablehand on the weekends.

**What is your role at Brooks:**  
Hire Coordinator Brooks Access, Perth WA.

**What did you want to be when you grew up:** A midwife.

**What achievement in life are you most proud of:**  
My family and our home.

**How would you describe yourself in 3 words:**  
Kind, determined and stubborn.

**Where would we find you on the weekends:** Kids sports or exploring new places.

**What is something that you're really good at:** Drawing.

**What is something that you're really bad at:**  
Relaxing. Always like to keep busy.

**If you could invite anybody to dinner (dead or alive), who would it be:** My grandad.

**Favourite Cake:** Caramel mudcake.

**Favourite song:** "FWYTYK" by I Prevail.

**Favourite holiday destination:** Anywhere with a pool and sunshine, preferably child free.



# Faven James Dalde

**What was your first job:**  
Cadet Aircraft Mechanic.

**What is your role at Brooks:**  
Aircraft Mechanic Engineer - Brooks Airways.

**What did you want to be when you grew up:** Pilot.

**What achievement in life are you most proud of:** Being able to pass the job interview that brings me here to work in my dream country, Australia.

**How would you describe yourself in 3 words:**  
Humble, kind, and loving.

**Where would we find you on the weekends:** If the majority of us has a plan to go out and explore Australia's beautiful places then just random places. And if not, just in our house.

**What is something that you're really good at:** Playing guitar.

**What is something that you're really bad at:** Dancing.

**If you could invite anybody to dinner (dead or alive), who would it be:** My GF in the Philippines.

**Favourite Cake:** Chocolate cake.

**Favourite song:** "Circles" by Post Malone.

**Favourite holiday destination:** Philippines.



# David Ogilvie

**What was your first job:**  
Apprentice Mechanic.

**What is your role at Brooks:**  
Truck Driver, Adelaide SA.

**What did you want to be when you grew up:** I wanted to be a Doctor.

**What achievement in life are you most proud of:** My kids, and talking my wife Kim into a date 11 years ago.

**How would you describe yourself in 3 words:**  
Witty, loyal, and caring.

**Where would we find you on the weekends:**  
Doing jobs in the garden or tinkering with cars.

**What is something that you're really good at:** Thinking on my feet to overcome problems or making jobs easier using my hands or tools.

**What is something that you're really bad at:**  
Completing one project before starting another.

**If you could invite anybody to dinner (dead or alive), who would it be:** My mum as she died suddenly and never got a chance to say goodbye.

**Favourite Cake:** Lemon curd cheesecake.

**Favourite song:** "The Bonnie Banks of Loch Lomond" by Runrig (I'm Scottish).

**Favourite holiday destination:**  
So far the Gold Coast, but I also love ships.



# Cameron Jennison

**What was your first job:** Graham Thomson Motor (Apprentice HV Mechanic).

**What is your role at Brooks:**  
Branch Manager, Oxley QLD

**What did you want to be when you grew up:** Mechanic.

**What achievement in life are you most proud of:** Help my wife raising our two children, watching them grow from kids to adults.

**How would you describe yourself in 3 words:**  
Sincere, forthright, and genuine.

**Where would we find you on the weekends:**  
You will find me following Souths Rugby Union in Brisbane.

**What is something that you're really good at:** Eating.

**What is something that you're really bad at:** Saying no to food.

**If you could invite anybody to dinner (dead or alive), who would it be:** My late grandpa.

**Favourite Cake:** Apple tea cake.

**Favourite song:** Enter Sandman.

**Favourite holiday destination:** Disneyland Anaheim.



# Cynthia Coventry



**What was your first job:**  
Funeral Director Assistant in Katanning family business.

**What is your role at Brooks:**  
Operations Coordinator, Brooks Airways.

**What did you want to be when you grew up:** A traveller working in Aviation, AND 23yrs later still here.

**What achievement in life are you most proud of:** Holidaying in 63 countries and becoming a mum to miracle IVF girl.

**How would you describe yourself in 3 words:**  
Positive, inspirational, honest.

**Where would we find you on the weekends:**  
On mini roadtrips/activities exploring WA with my girl and fur baby.

**What is something that you're really good at:**  
Being organised in EVERYTHING.

**What is something that you're really bad at:**  
Studying.

**If you could invite anybody to dinner (dead or alive), who would it be:** Dad who passed from cancer before meeting my girl.

**Favourite Cake:** Chocolate mud.

**Favourite song:** Disco and Pop.

**Favourite holiday destination:** Antarctica – surreal/remote but anything on cruise ship with lots of stops.



# Judeine Torres



**What was your first job:**  
Aircraft Maintenance.

**What is your role at Brooks:**  
Aircraft Maintenance Engineer at Brooks Airways.

**What achievement in life are you most proud of:** Coming to Australia, and working with Brooks.

**How would you describe yourself in 3 words:**  
Friendly, respectful, and approachable.

**Where would we find you on the weekends:**  
Home or malls.

**Something that you're really good at:** Playing Mobile Legends.

**What is something that you're really bad at:** Dancing.

**If you could invite anybody to dinner (dead or alive), who would it be:** Song Hye-kyo.

**Favourite Cake:** Ube cake.

**Favourite song:** Melodies of Life.

**Favourite holiday destination:** Parks.

# Megan Broomhall-Boath

**What was your first job:**  
Alinta Energy Sales Representative.

**What is your role at Brooks:**  
Hire Administrator, Perth.

**What did you want to be when you grew up:** Forensic Scientist.

**What achievement in life are you most proud of:**  
Getting married.



**How would you describe yourself in 3 words:**  
Organised, loyal, friendly.

**Where would we find you on the weekends:**  
Spending time with family, out and about.

**What is something that you're really good at:**  
Singing, drawing, anything artistic.

**What is something that you're really bad at:**  
Dancing, I have two left feet but still give it a crack.

**If you could invite anybody to dinner (dead or alive), who would it be:** Julie Andrews, beautiful person inside and out.

**Favourite Cake:** Black forest.

**Favourite song:** I am super eclectic, so I'll give you a few: "Down with the Sickness" by Disturbed, "All Coming Back to Me" by Celine Dion, "Don't Stop Me Now" by Queen, "Seven Wonders" by Fleetwood Mac.

**Favourite holiday destination:** Tokyo.

# Pravin Sen

**What was your first job:**  
I grew up on a sugarcane farm, so age did not play a part in getting the job done. However, my first job in Australia was a Furniture Removalist.

**What is your role at Brooks:**  
Head of Flight Operation (Chief Pilot) - Brooks Airways.

**What did you want to be when you grew up:** A Pilot!



**What achievement in life are you most proud of:** Completing 3 degrees. Unable to obtain a professional job in the field, I did mundane jobs to support myself financially to achieve my aviation licenses over 12 years (given my family were not well off). To this my father ripped his shirt and beat his proud chest whilst my mother quietly shed tears of joy. For a father to do this, I reckon the energy must have come from the depth of the soul (and not the mind) hence, this became my proudest achievement.

**How would you describe yourself in 3 words:**  
Honest, loyal, and hardworking.

**Where would we find you on the weekends:** Hiking.

**What is something that you're really good at:** Yoga.

**What is something that you're really bad at:** Dancing.

**If you could invite anybody to dinner (dead or alive), who would it be:** My parents and Nelson Mandela.

**Favourite Cake:** Chocolate mudcake and hummingbird cake.

# Jese Guazon

**What was your first job:**  
I was a rice farmer.

**What is your role at Brooks:**  
Auto Electrician, Welshpool WA.

**What did you want to be when you grew up:**  
Gospel Missionary.

**What achievement in life are you most proud of:** Settling my family down in Perth, mortgage free, after working 15 years in Port/South Hedland.



**How would you describe yourself in 3 words:** Just work active.

**Where would we find you on the weekends:** In the Church on every Saturday, doing some homework at home on Sundays.

**What is something that you're really good at:**  
Helping someone.

**What is something that you're really bad at:** Playing cricket.

**If you could invite anybody to dinner (dead or alive), who would it be:** My parents.

**Favourite Cake:** Chiffon and cheesecake.

**Favourite song:** Gospel songs.

**Favourite holiday destination:** Philippines.

# Haley Davey



**What was your first job:**  
Traineeship in office admin at Garron Skylights.

**What is your role at Brooks:**  
Hire Coordinator, Melbourne VIC.

**What did you want to be when you grew up:** A Veterinarian.

**What achievement in life are you most proud of:** Travelling a large portion of the world and living abroad for 2 years.

# Wesley Cuison

**What was your first job:**  
Crew Trainer at McDonald's.

**What is your role at Brooks:**  
Junior Parts Interpreter, Canning Vale WA

**What did you want to be when you grew up:**  
Airline Pilot.



**What achievement in life are you most proud of:** Basketball Under 18's MVP.

**How would you describe yourself in 3 words:**  
Persistent, curious, and funny.

**Where would we find you on the weekends:** Clothes shopping.

**What is something that you're really good at:** Basketball.

**What is something that you're really bad at:** Drawing.

**If you could invite anybody to dinner (dead or alive), who would it be:** Colonel Sanders.

**Favourite Cake:** Caramel mudcake.

**Favourite song:** "Paper Soldier" by Brent Faiyaz.

**Favourite holiday destination:** Dubai.

**How would you describe yourself in 3 words:**  
Honest, reliable, caring.

**Where would we find you on the weekends:**  
Somewhere at a quiet scenic location.

**What is something that you're really good at:**  
Making caramel slice.

**What is something that you're really bad at:**  
Singing.

**If you could invite anybody to dinner (dead or alive), who would it be:** My Nan.

**Favourite Cake:** Lemon meringue or chocolate mud.

**Favourite song:** Most 80's music.

**Favourite holiday destination:** Kruger National Park, South Africa.



## Georgia Vallido



**What was your first job:**  
Making coffees in a café at 13.

**What is your role at Brooks:**  
Hire Coordinator, St Marys NSW.

**What did you want to be when you grew up:** I think I wanted to be a teacher, but that changed when I got to high school and saw what teenagers are like!

**What achievement in life are you most proud of:** The birth of my son.

**How would you describe yourself in 3 words:** Happy, kind, funny.

**Where would we find you on the weekends:**  
Going for a walk with my family, usually a walking track at a beach or the Blue Mountains.

**What is something that you're really good at:**  
Organising everyone! You have to be when you have a three-year-old (and a husband lol).

**What is something that you're really bad at:**  
Switching off/relaxing.

**If you could invite anybody to dinner (dead or alive), who would it be:** Francisco from the St Marys Branch. No one beats his BBQ's.

**Favourite Cake:** Ube.

**Favourite song:** Dang- Mac Miller & Anderson Paak.

**Favourite holiday destination:** Japan.

## Jessica Taylor

**What was your first job:**  
City Beach in Garden City .

**What is your role at Brooks:**  
Hire Administrator - Brooks Access, Perth WA.

**What did you want to be when you grew up:** A School Teacher (this was obviously pre kids).



**What achievement in life are you most proud of:** My family.

**How would you describe yourself in 3 words:** Giving, outgoing, positive.

**Where would we find you on the weekends:** With my friends, glass of wine in hand, trying to escape the kids for 5 minutes.

**What is something that you're really good at:** Being constantly busy.

**What is something that you're really bad at:** Concentrating for long periods, sitting still.

**If you could invite anybody to dinner (dead or alive), who would it be:** My mum (RIP).

**Favourite Cake:** Marble from the Cheese Cake Shop.

**Favourite song:** "Days Like This" by Van Morrison.

**Favourite holiday destination:** In a tent up at Coral Bay.

## Conrado Enriquez

**What was your first job:**  
Aircraft Mechanic Engineer.

**What is your role at Brooks:**  
Aircraft Mechanic Engineer - Brooks Airways.

**What did you want to be when you grew up:** Successful in life living with my family.



**What achievement in life are you most proud of:** Coming here to Australia for work and having a great opportunity to work with Brooks Airways.

**How would you describe yourself in 3 words:**  
Honest, kind, and respectful.

**Where would we find you on the weekends:**  
Home or shopping malls.

**What is something that you're really good at:**  
Working on my present career and cooking.

**What is something that you're really bad at:** Singing and dancing.

**If you could invite anybody to dinner (dead or alive), who would it be:** Family, friends, co-workers.

**Favourite Cake:** Chocolate cake.

**Favourite song:** My Love Will See You Through.

**Favourite holiday destination:** Phillipines - Boracay Island, Australia - Fremantle City.

## Gabrielle Vasquez



**What was your first job:** Sheet Metal Fabricator.

**What is your role at Brooks:** Trade Assistant, Welshpool WA.

**What did you want to be when you grew up:**  
Mechanical Engineer.

**What achievement in life are you most proud of:**  
Having a loving wife and two beautiful children.

**How would you describe yourself in 3 words:**  
Diligent, religious, loving.

**Where would we find you on the weekends:**  
At home video chatting my family in the Philippines.

**What is something that you're really good at:** Gardening.

**What is something that you're really bad at:**  
Playing basketball and singing.

**If you could invite anybody to dinner (dead or alive), who would it be:** Angelina Jolie.

**Favourite Cake:** Caramel.

**Favourite song:** 'Love Of My Life' by Queen.

**Favourite holiday destination:** Boracay, Philippines.

## Rex Carigma

**What was your first job:**  
Aircraft mechanic apprentice.

**What is your role at Brooks:**  
Aircraft Mechanic Engineer - Brooks Airways.

**What did you want to be when you grew up:** Always keep learning, always be reliable and consistency in life.

**What achievement in life are you most proud of:** My achievement in life that I am most proud of is what and where I am today.

**How would you describe yourself in 3 words:**  
Cheerful, understanding, and reliable.

**Where would we find you on the weekends:** If I am not playing basketball, maybe sitting in the couch and drinking some beer.

**What is something that you're really good at:** Drinking beer, LOL.

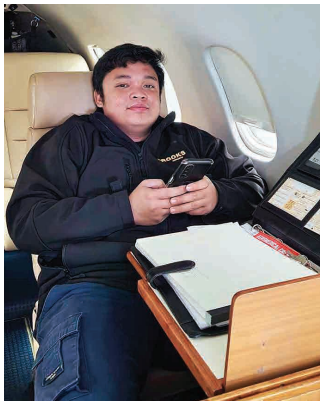
**What is something that you're really bad at:** Dancing.

**If you could invite anybody to dinner (dead or alive), who would it be:** My auntie Baly.

**Favourite Cake:** Cheesecake.

**Favourite song:** "Three Little Birds" by Bob Marley.

**Favourite holiday destination:** Philippines.



## Fiona's Kitchen

### Fi's Famous Rum Balls

Get ready to rum-ball with Fi! Our Marketing Administrator, Fiona has taken over Vinny's Kitchen with her famous Christmas rum ball recipe. Crack out the Captain Morgans and whip up a batch for the team - you'll be sure to have a very merry Christmas.



#### Ingredients:

1 cup of Sunbeam Australian sultanas  
1/3 cup of Captain Morgan's spiced rum  
½ cup loosely packed cocoa  
1 packet of milk arrowroot biscuits  
2 cups of fine desiccated coconut  
1 tin of sweetened condensed milk

#### Method:

1. In a food processor, blend the milk arrowroot biscuits with the cocoa powder.
2. Place the biscuit and cocoa mixture in large mixing bowl, then add sultanas and 1 cup of desiccated coconut.
3. Add the Captain Morgan's spiced rum (you can add more if your heart desires).
4. Add the condensed milk and stir the mixture together with a large wooden spoon.
5. In a separate bowl, add the other cup of coconut.
6. Take a teaspoon of the mixture, roll it into a ball, then place it in the other bowl and cover with coconut. Roll and repeat.
7. Place the rum balls in a Tupperware container and store in the freezer to acquire the best flavour.

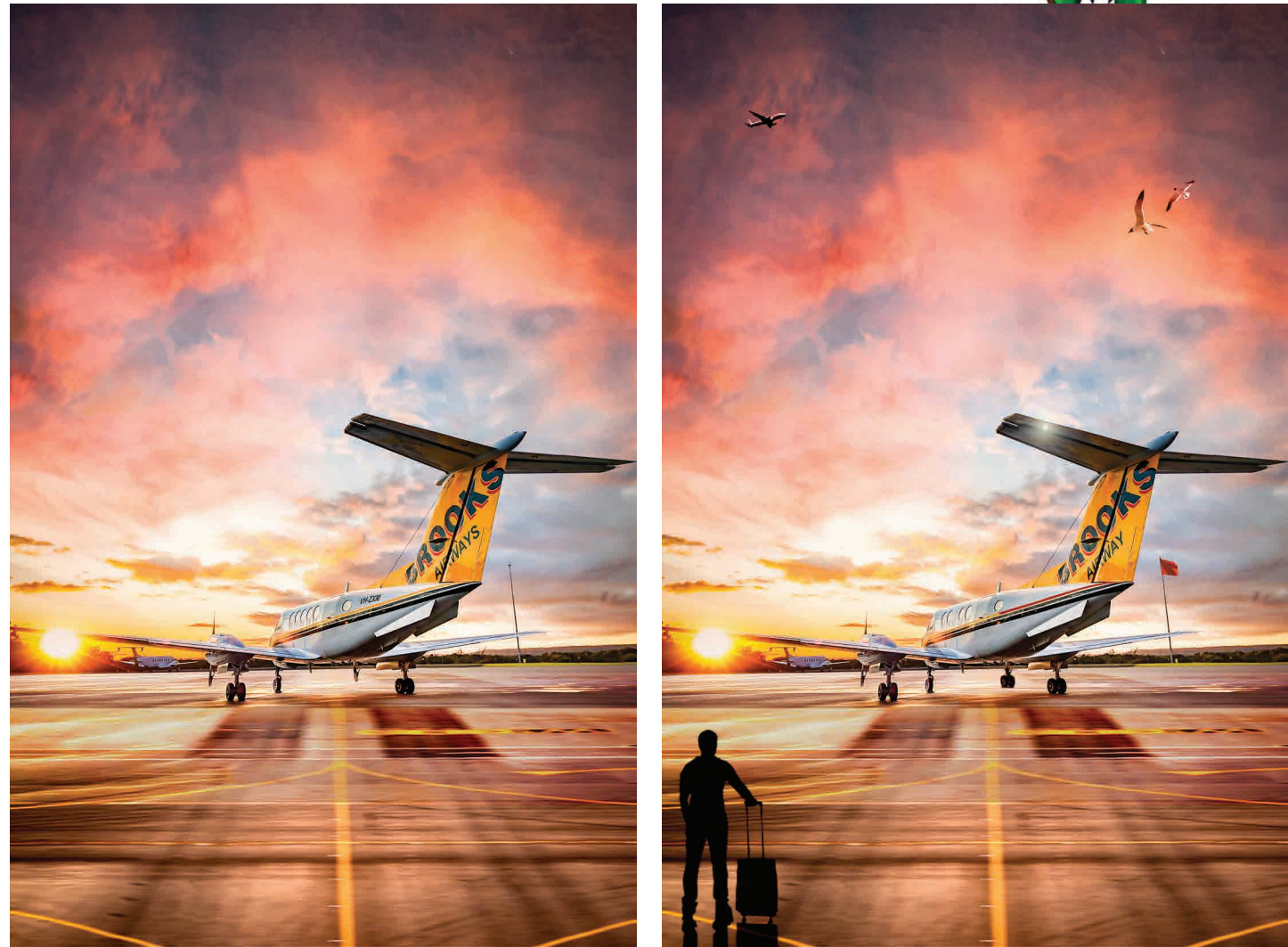
**Chef's Tip** - Storing in the freezer is a MUST - that way they can last for weeks on end.



# The Puzzler Page

## Spot the Difference

There are 10 differences between the photos below. See if you can find them all.



## Word Solver

Find the 9 letter word using the letters in the grid, then try to make as many other words as you can. Words must be a minimum of 4 letters and must contain the middle letter. No proper nouns or plurals.  
**Good** - 15 Words    **Very Good** - 20 Words    **Excellent** - 25 or more

T	O	U
L	P	I
T	A	O

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



## Crossword

- Across
1. Despise

6. Completes

10. Engrave

14. Colander

15. Smell bad

16. Hawaiian cookout

17. Was mistaken

18. Accessible

20. Spoke to

22. October gems

23. Hinder

24. Braying beast

25. Washington city

28. \_\_\_\_\_ trading

32. Batter's stat

33. Location

35. Certain star

36. Chows down

38. Backbone

39. Small pest
41. Summer shirts

42. Lyric verse

43. Tranquilized

45. Ogled

48. Pull apart

49. Mixes

51. Shallow dish

54. Charles Darwin, e.g.

58. Put up with

60. Alleviates

61. Performs onstage

62. Window section

63. Sharply inclined

64. Chimney residue

65. Deli breads

66. Abounds

- Down
1. On the ocean

2. Hawk, e.g.

3. Cow crowd

4. Exert excessively

5. Use coupons

6. Rub out

7. At no time

8. \_\_\_\_\_ Sea Scrolls

9. Go downhill
10. Going by, as time

11. Brass instrument

12. Use a phone

13. Colors

19. Defeat

21. RR terminal

24. Poker word

25. Ringlet

26. Ease up
27. Used footnotes

28. Charged particles

29. Contributor

30. Dodge

31. Appraised

33. Hastened

34. Dessert choice

37. Most intelligent

38. Dance move
44. Layer

45. Fib

46. Writer \_\_\_\_\_ Hemingway

47. Tycoon's property

49. Play part

50. Ocean currents

51. School orgs.

52. Cuckoo
52. Cuckoo

53. Choir member

54. Don't go

55. Understood! (2 wds.)

56. Look

57. Recipe abbr.

59. Mar. follower

1	2	3	4	5		6	7	8	9		10	11	12	13
14						15					16			
17						18				19				
20						21				22				
			23						24					
25	26	27						28				29	30	31
32						33	34				35			
36			37		38						39			
40					41							42		
43				44					45	46	47			
			48				49	50						
51	52	53				54						55	56	57
58						59				60				
61					62					63				
64					65					66				

## Sudoku

Enter numbers into the blank spaces so that each row, column and 3x3 box contains the numbers 1 to 9 without repeats.

	3	5	8					
	1		9	3				
2				5		3		1
3		8					5	
	7						6	
	6					4		9
8		1		2				4
				7	3		1	

## Brain Teasers

A man is looking at a photograph of someone. His friend asks who it is. The man replies, "Brothers and sisters, I have none. But that man's father is my father's son." Who was in the photograph?



What is seen in the middle of March and April that can't be seen at the beginning or end of either month?

I come from a mine and get surrounded by wood always. Everyone uses me. What am I?

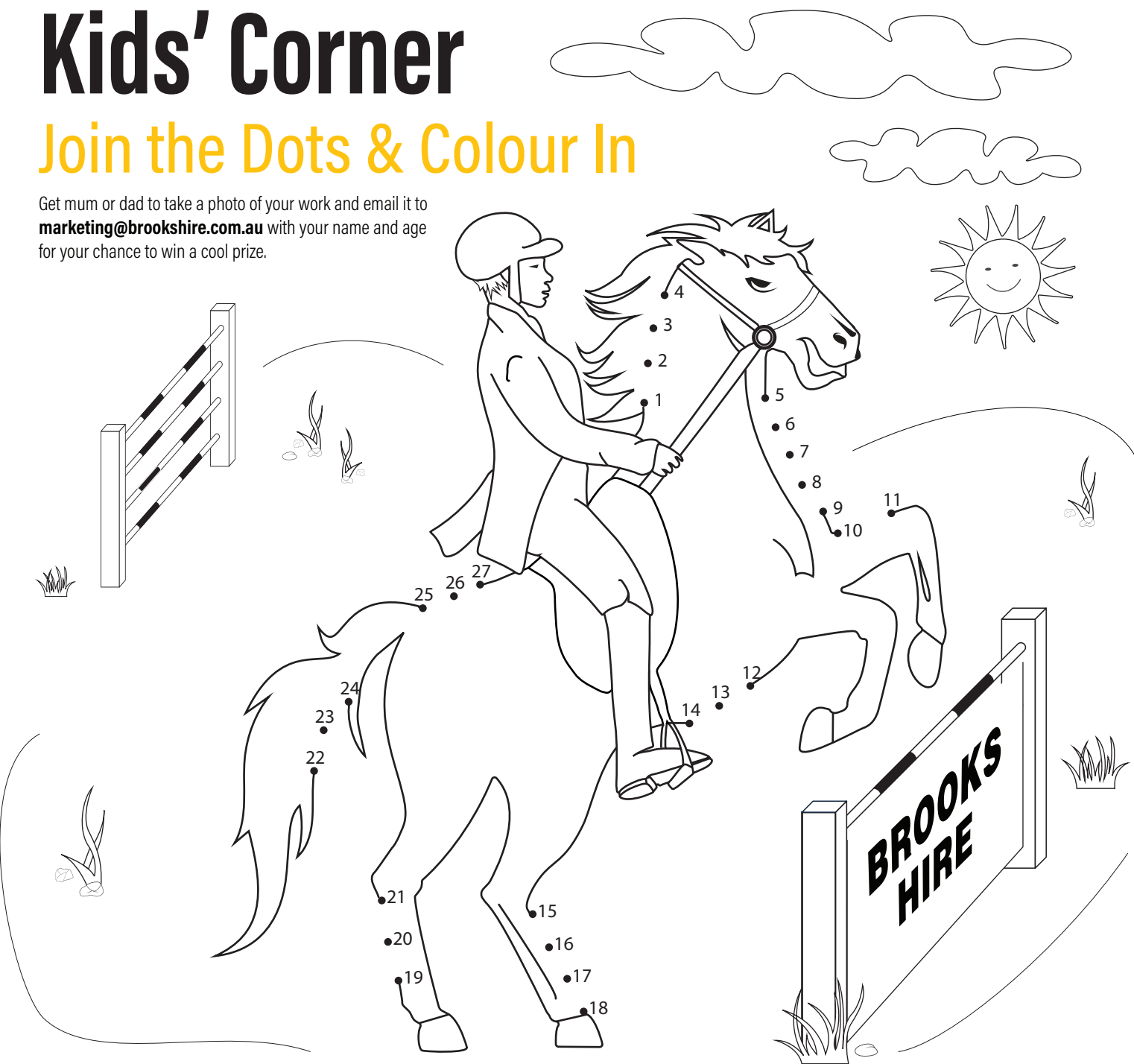
You measure my life in hours and I serve you by expiring. I'm quick when I'm thin and slow when I'm fat. The wind is my enemy.



# Kids' Corner

## Join the Dots & Colour In

Get mum or dad to take a photo of your work and email it to [marketing@brookshire.com.au](mailto:marketing@brookshire.com.au) with your name and age for your chance to win a cool prize.



**Congratulations to all of the winners from our last edition. You will all be receiving a prize in the post.**



# Snap That

## STAFF PHOTOGRAPHY COMPETITION





# Equipment Hire List



Front End Loaders

CATEGORY	MAKE	MODEL	ENGINE	WEIGHT
1.5m³	Komatsu	WA150	74 kW 99 HP @ 2000 rpm	7.5 Tonne
2.1m³	Caterpillar	930K	110 kW @ 1600 rpm	13 Tonne
2.5m³	Komatsu	WA250	124 kW 166 HP @ 2000 rpm	14 Tonne
3.1m³	Komatsu	WA320	124 kW 166 HP @ 2000 rpm	14 Tonne
3.5m³	Komatsu	WA380	140 kW 187 HP @ 2000 rpm	16 Tonne
3.75m³ - 4m³	Komatsu	WA430	173 kW / 232 HP @ 2.100 rpm	18 Tonne
3.4m³	Caterpillar	950M	187 kW 250 HP	20 Tonne
3.6m³	Caterpillar	962M	185 kW 248 HP	20 Tonne
4m³ - 5m³	Komatsu	WA470	204 kW / 274 HP @ 2.000 rpm	23 Tonne
5m³	Komatsu	WA480	223 kW / 299 HP	25 Tonne
4m³ - 5m³	Volvo	L150G	210 kW / 1400 rpm	25 Tonne
4.7m³ - 6.4m³	Komatsu	WA500	266 kW / 357 HP @ 1900 rpm	32 Tonne
5.6m³	Caterpillar	980M	278 kW	30 Tonne
5.6m³	Caterpillar	982M	278 kW @ 1800 rpm	35 Tonne
5.6m³	Hitachi	ZW370	289kW @ 1800 rpm	35 Tonne
6.4m³	Caterpillar	988K	403 kW	51 Tonne
6.4m³	Komatsu	WA600	395 kW / 529 HP @ 1800 rpm	55 Tonne
7m³	Volvo	L260H	309 kW / 420 HP	34 Tonne
13m³	Komatsu	WA900	638 kW / 856 HP	107 Tonne



Tool Carriers

CATEGORY	MAKE	MODEL	ENGINE	WEIGHT
2.2m³ - 2.3m³	Komatsu	WA250PT	104 kW 140 HP / 2000 rpm	10 Tonne
2.2m³ - 2.3m³	Komatsu	WA250PZ	103 kW 138 HP @ 2000 rpm	12 Tonne
1.9m³ - 2.7m³	Komatsu	WA270	111 kW 149 HP @ 2000 rpm	13 Tonne
2.5m³ - 2.7m³	Komatsu	WA320-8	123 kW/165 HP @ 2100 rpm	15 Tonne
2.5m³ - 2.7m³	Komatsu	WA320PZ-6	125 kW / 167 HP	15 Tonne
2.5m³ - 2.7m³	Volvo	L90F	129 kW @ 1700 rpm	16 Tonne
3m³	Volvo	L110F	170 kW @ 1700 rpm	19 Tonne
3.1m3	Hitachi	ZW180-5	126 kW @ 1500 rpm	14.5 Tonne
3.5m³	Volvo	L120F	180 kW @ 1700 rpm	20 Tonne
4.2m³	Volvo	L150F	209 kW @ 1400 rpm	23 Tonne
4.4m³	Volvo	L180F	234 kW @ 1400 rpm	26.6 Tonne
5.2m³	Volvo	L220H	279 kW 379 HP @ 1400 rpm	32.8 Tonne



Excavators

CATEGORY	MAKE	MODEL	ENGINE	BUCKET CAPACITY
1.5 Tonne	Komatsu	PC14R	11,6 kW / 15,6 HP @ 2.600 rpm	0.03m³
1.75 Tonne	Sany	SY16C	14.6 kW @ 2400 rpm	0.04m³
1.8 Tonne	Caterpillar	301.8	16.1kW / 19.2 HP @ 2,400 rpm	0.033m³
1.85 Tonne	Sany	SY18C	14.6 kW @ 2400 rpm	0.04m³
2.26 Tonne	Caterpillar	302	15.7kW / 21 HP @ 2,400 rpm	0.054m³
2.76 Tonne	Sany	SY26U	14.6 kW @ 2400 rpm	0.06m³
3 Tonne	Komatsu	PC30MR	22,0 kW / 29,5 HP @ 2.400 rpm	0.09m³
3 Tonne	Hitachi	ZX33	21.2 kW (28.4 HP)	0.09m³
3.85 Tonne	Sany	SY35U	18.2 kW @ 2400 rmp	0.12m³
5 Tonne	Komatsu	PC55MR	29.1 kW 39 HP/2400 rpm	0.15m³
5 Tonne	Komatsu	PC45MR	29.1 kW 39 HP/2400 rpm	0.15m³
5 Tonne	Komatsu	PC40MR	29.4 kW 39.4 HP/2350 rpm	0.15m³
5.3 Tonne	Sany	SY50U	29.1 kW @ 2400 rpm	0.15m³
6.1 Tonne	Sany	SY60C	42.4 kW / 56.9 HP	0.21m³
7.28 Tonne	Sany	SY75C	43 kW / 57.7 HP	0.28m³
8 Tonne	Komatsu	PC78MR	40,5 kW / 54 HP @ 1.850 rpm	0.28m³
8.5 Tonne	Komatsu	PC88MR	50.7 kW 68 HP @ 1950 rpm	0.34m³
8.8 Tonne	Sany	SY80U	53.7 kW @ 2100 rpm	0.28m³
9 Tonne	Caterpillar	308CR	52.4kW / 70.3 HP @ 2,200 rpm	0.23m³
9.1 Tonne	Sany	SY95C	53.7 kw / 72 HP	0.4m³
14 Tonne	Komatsu	PC138US	72.1 kW / 96.6 HP @ 2200 rpm	0.53m³
14 Tonne	Komatsu	PC160LC	90 kW / 121 HP @ 2200 rpm	0.6m³
14 Tonne	Hyundai	RI40LC	84 kW / 113 HP @ 2,100 rpm	0.6m³
15.1 Tonne	Sany	SY135C	78.5 kW @ 2000 rpm	0.6m³
16 Tonne	Sany	SY155U	78.5 kw @ 1900 rpm	0.06m³
16 Tonne	Hitachi	ZX160LC	90.2 kW / 122 HP @ 2,200 rpm	0.73m³
22 Tonne Zero Swing	Komatsu	PC228US	116 kW 155 HP @ 2000 rpm	1.0m³
22 Tonne	Caterpillar	320GC	107 kW (143 hp)	1.0m³
22 Tonne	Caterpillar	320DL	103 kW / 140 HP @ 1800 rpm	1.3m³
22 Tonne	Hitachi	ZX210H	122 kW (164 HP)	1.00m³
22 Tonne	Komatsu	PC200LC	110 kW 147 HP / 2000 rpm	1.2m³
22 Tonne	Komatsu	PC210LCi	118 kW / 158 HP @ 2000 rpm	0.97m³
22 Tonne	Komatsu	PC210LC	116 kW / 156 HP @ 2000 rpm	1.68m³
22 Tonne	Komatsu	HB215LC	110 kW / 148 HP @ 2000 rpm	1.36m³
22.6 Tonne	Sany	SY215C	122 kw @ 2300 rpm	0.93m³
23 Tonne	Komatsu	PC220LC	110 kW 147 HP / 2000 rpm	1.26m³
23 Tonne	Hitachi	ZX225USLC	159 hp (118 kW) @ 2,000 rpm	1.09m³
30 Tonne	Volvo	EC290CLC	153 kW (205 hp)	1.2m³
30 Tonne	Komatsu	PC270LC	149 kW 200 HP / 2050 rpm	1.25m³
31.5 Tonne	Sany	SY305H	212 kW @ 2000rpm	1.7m³
33 Tonne	Hitachi	ZX330	247 HP (180 kW)	1.4m³
33 Tonne	Hitachi	ZX350H	184 kW (246 HP)	2.00m³
34 Tonne	Komatsu	PC300LC	194 kW 260 HP / 1950 rpm	1.8m³
35 Tonne	Hitachi	ZX350LC	202 kW / 271 HP	2.1m³
36 Tonne	Komatsu	PC360LCi	192 kW / 257 HP @ 1950 rpm	1.96m³
36 Tonne	Komatsu	PC350LC	194 kW / 260 HP @ 1950 rpm	2.66m³
36.7 Tonne	Sany	SY365H	205 kW / 275 HP	1.5m³
37 Tonne	Caterpillar	336	232 kW	2.27m³
45 Tonne	Komatsu	PC450LC	270 kW / 362 HP @ 1900 rpm	2.8m³
54.5 Tonne	Sany	SY500H	298 kW / 399.6 HP	2.2m³
60 Tonne	Komatsu	PC600LC	288 kW 386 HP @ 1800 rpm	3.81m³
76.2 Tonne	Sany	SY750H	377 kW @ 1800 rpm	4.2m3
78.6 Tonne	Sany	SY870H	377 kW @ 1800 rpm	5.0m³
80 Tonne	Komatsu	PC850-8EOSE	370 kW 496 HP / 1800 rpm	4.3m³
85 Tonne	Komatsu	PC800LC	363 kW 487 HP @ 1800 rpm	4.5m³
125 Tonne	Sany	SY1250H	567 kW @ 1800 rpm	7m³





## Rollers

CATEGORY	WEIGHT	MAKE	MODEL
Smooth Drum	7 Tonne	Bomag	BW177DH
Smooth Drum	11 Tonne	Dynapac	CA252D
Smooth Drum	11 Tonne	Bomag	BW212D
Smooth Drum	12 Tonne	Hamm	3412 HT VIO
Smooth Drum	12 Tonne	Caterpillar	CS64B
Smooth Drum	12 Tonne	Bomag	BW213D
Smooth Drum	12.5 Tonne	Caterpillar	CS56B
Smooth Drum	12.7 Tonne	Dynapac	CA302D
Smooth Drum	13.2 Tonne	Dynapac	CA362D
Smooth Drum	12.6 Tonne	Bomag	BW213D
Smooth Drum	14.3 Tonne	Caterpillar	CS68B
Smooth Drum	15.7 Tonne	Hamm	3516
Smooth Drum	16 Tonne	Caterpillar	CS74B
Smooth Drum	16 Tonne	Caterpillar	CP76B
Smooth Drum	16.1 Tonne	Bomag	BW216D
Smooth Drum	17.89 Tonne	Hamm	3518
Smooth Drum	18.7 Tonne	Caterpillar	CS78B
Smooth Drum	19.3 Tonne	Dynapac	CA6000D
Smooth Drum	19.8 Tonne	Hamm	3520
Smooth Drum	20 Tonne	Caterpillar	CS79B
Padfoot	12 Tonne	Caterpillar	CS12 GC
Padfoot	12 Tonne	Caterpillar	CS56B
Padfoot	12 Tonne	Bomag	BW211D
Padfoot	12.6 Tonne	Bomag	BW213D
Padfoot	13.2 Tonne	Dynapac	CA362D
Padfoot	15.7 Tonne	Hamm	3516P
Padfoot	16.1 Tonne	Bomag	BW216PD
Padfoot	17.6 Tonne	Caterpillar	CP76B
Padfoot	17.89 Tonne	Hamm	3518P
Padfoot	18 Tonne	Dynapac	CA6000PD
Padfoot	18.6 Tonne	Dynapac	CA602PD
Padfoot	19.4 Tonne	Bomag	BW219PD
Padfoot	19.8 Tonne	Hamm	3520P
Multi Tyre	18 Tonne	Hamm	HP280
Multi Tyre	18 Tonne	Caterpillar	CW34
Multi Tyre	18.3 Tonne	Hamm	GRW280
Multi Tyre	20 Tonne	Caterpillar	CW34
Multi Tyre	20 Tonne	Ammann	AP240
Multi Tyre	20 Tonne	Bomag	BW24RH

CATEGORY	WEIGHT	MAKE	MODEL
Multi Tyre	20 Tonne	Bomag	BW25RH
Multi Tyre	24 Tonne	Caterpillar	CW34LRC
Double Drum	765 Kg	Husqvarna	LP 6505
Double Drum	1 Tonne	Husqvarna	LP 7505
Double Drum	2.5 Tonne	Caterpillar	CB2.7
Double Drum	2.6 Tonne	Hamm	HD12VV
Double Drum	2.8 Tonne	Bomag	BW120AD
3 Pin Static	14 Tonne	Aveling Barford	DC014
Trench Roller	1,340 Kg	Ammann	1575
Trench Roller	1,495 Kg	Wacker Neuson	RTX-SC3
Trench Roller	1,595 Kg	Dynapac	D.ONE 850
Trench Roller	1,675 Kg	Husqvarna	LP9505



## Compactors & Tampers

CATEGORY	WEIGHT	MAKE	MODEL
Tampers	98kg	Husqvarna	LT800
Plate Compactors	185kg	Husqvarna	LG164
Plate Compactors	244kg	Husqvarna	LG204
Plate Compactors	302kg	Husqvarna	LG300
Plate Compactors	436kg	Husqvarna	LG400
Plate Compactors	500kg	Bomag	BPR 70/70D
Plate Compactors	500kg	Dynapac	LG500
Plate Compactors	750kg	Bomag	BPR 100/80
Plate Compactors	750kg	Dynapac	LH700
Plate Compactors	800kg	Husqvarna	LH804



## Compressors

TYPE	AIR FLOW	DRY WEIGHT	PRESSURE
Trailer	127 cfm	700 kg	7 bar
Trailer	176.5 cfm	800 kg	7 bar
Skid	185 cfm	950 kg	7 bar
Trailer	251 cfm	1400 kg	7 bar
Skid	400 cfm	1920 kg	10 bar
Trailer	423 cfm	2000 kg	7 bar
Trailer	530 cfm	2600 kg	10 bar
Trailer	893 cfm	3700 kg	8 bar
Trailer	938 cfm	5300 kg	12 bar
Trailer	1020 cfm	5300 kg	10.3 bar
Trailer	1102 cfm	5300 kg	8.6 bar



## Graders

CATEGORY	MAKE	MODEL	WEIGHT
12' Motor Grader	Caterpillar	120M	14.5 Tonne
12' Motor Grader	Komatsu	GD555	8 Tonne
14' Motor Grader	Caterpillar	140M	18.4 Tonne
14' Motor Grader	Caterpillar	140M AWD	18.4 Tonne
14' Motor Grader	Caterpillar	140H	18.4 Tonne
14' Motor Grader	Caterpillar	140G	18.4 Tonne
14' Motor Grader	Caterpillar	150 AWD	19.8 Tonne
14' Motor Grader	Komatsu	GD655	18.5 Tonne
14' Motor Grader	John Deere	770G	19.3 Tonne
14' Motor Grader	John Deere	672G	20 Tonne
14' Motor Grader	John Deere	772GP	20.5 Tonne
16' Motor Grader	John Deere	872GP	21.6 Tonne
16' Motor Grader	Caterpillar	16MQLR	30 Tonne
24' Motor Grader	Caterpillar	24	73 Tonne



## Dozers

CATEGORY	MAKE	MODEL	BLADE WIDTH
17.3 Tonne	Caterpillar	D6N	4080mm
17.7 Tonne	Caterpillar	D6H	4486mm
21 Tonne	Caterpillar	D6T XL	3693mm
21 Tonne	Caterpillar	D6T LGP	3693mm
27 Tonne	Caterpillar	D7	3988mm
39.4 Tonne	Caterpillar	D8	5045mm
70 Tonne	Caterpillar	D10T	7416mm



## Dump Trucks

CATEGORY	PAYLOAD	MAKE	MODEL
Articulated	30 Tonne	Komatsu	HM300
Articulated	37 Tonne	Hitachi	AH400D
Articulated	40 Tonne	Komatsu	HM400
Articulated	41 Tonne	Caterpillar	745



## Site Dumpers

CATEGORY	PAYLOAD	MAKE	MODEL
Side Tipper	9 Tonne	Wacker Neuson	DV90
Front Tipper	9 Tonne	Thwaites	9T Dumper



## Water Trucks

CATEGORY	CAPACITY	MAKE	MODEL
Rigid	14,000 L	Isuzu	FVZ 260-300
Rigid	14,000 L	Hino	500
Rigid	15,000 L	Isuzu	FVZ 260-300
Rigid	15,000 L	Hino	500
Rigid	15,000 L	Mercedes Benz	Axor
Rigid	20,000 L	Isuzu	FYH 2000 8x4
Rigid	20,000 L	Iveco	Trakker AD450 6x6
Articulated	16,000 L	JCB	Fastrac 185/65
Articulated	16,000 L	Chamberlain	C6100
Articulated	16,000 L	Mercedes Benz	MB Trac
Articulated	26,000 L	Komatsu	HM300
Articulated	35,000 L	Komatsu	HM400



## Service, Fuel & Tipper Trucks

CATEGORY	CAPACITY	MAKE	MODEL
Service Truck	8 Compartments	Isuzu	FVZ 260 - 300
Service Truck	8 Compartments	Hino	500
Fuel Trailer	1,400 L	-	-
Fuel Trailer	2,000 L	-	-
Fuel Truck	14,000 L	Hino	500
Tipper Truck	11m³	Isuzu	FVZ 260-300
Tipper Truck	11m³	Hino	500
Tipper Truck	11m³	Isuzu	FVZ 1400
Side Tipper	21m³	Howard Porter	-
Side Tipper	24m3	Road West	-



## Backhoes

DIG DEPTH	MAKE	MODEL	WEIGHT
4.32m	JCB	4CX	8.178 Tonne
4.8m	Komatsu	WB97R-5E0	7.6 Tonne
4.883m	Caterpillar	432E	9.1 Tonne
6.14m	JCB	5CX	10.6 Tonne





## Skid Steer Loaders

CATEGORY	MAKE	MODEL	TIPPING LOAD (35%)
Tracked	Bobcat	T140SJC	635kg
Tracked	Caterpillar	239D	695kg
Tracked	Caterpillar	249D	790kg
Tracked	Caterpillar	259D	915 kg
Wheeled	Komatsu	SK714	650kg
Wheeled	Caterpillar	226B	680kg
Wheeled	Caterpillar	246C	975kg



## Telehandlers

LIFTING WEIGHT	MAKE	MODEL	LIFTING HEIGHT
3 Tonne	JCB	531-70	7000mm
3.2 Tonne	Manitou	MT732	6900mm
3.5 Tonne	JCB	535-95	9500mm
4 Tonne	JCB	541-70	7000mm
4 Tonne	Merlo	TF42.7-100	9500mm
4 Tonne	Manitou	MT-X 1440	13530mm
4 Tonne	Manitou	MT-X 1840	17550mm
6 Tonne	Merlo	P60.10EE	9550mm



## Forklifts

LIFTING HEIGHT	MAKE	MODEL	LOAD CAPACITY
3000 mm	Hyster	H4.0FT	4 Tonne
4000 mm	Hyster	H5.0FT	5 Tonne
5336 mm	Hyster	H8.00XM	8 Tonne
6200 mm	Hyster	H16.00XM	16 Tonne



## Cranes

MAKE	MODEL	WEIGHT	MAXIMUM BOOM LENGTH
Franna	AT22	22 tonnes	17.9m
Franna	MAC 25	25 tonnes	18.4m



## Articulated Boom Lifts

HEIGHT	MAKE	MODEL	CATEGORY
34 ft	JLG	H340AJ	Hybrid
34 ft	Genie	Z34 / 22 N	Electric
45 ft	JLG	450AJ	Diesel
45 ft	Genie	Z-45 XC	Rough Terrain
51 ft	Genie	Z-51 / 30J RT	Rough Terrain
62 ft	Genie	Z-62 / 40	Rough Terrain
80 ft	JLG	H800AJ	Hybrid
80 ft	JLG	800 AJ	Diesel
80 ft	Haulotte	HA26 RTJ PRO	Diesel
80 ft	Genie	Z-80 / 60	Rough Terrain
125 ft	JLG	1250AJP	Diesel
135 ft	Genie	ZX-135 / 70	Rough Terrain



## Scissor Lifts

HEIGHT	MAKE	MODEL	CATEGORY
19 ft	JLG	ES1932	Electric
19 ft	JLG	R1932	Electric
26 ft	JLG	R2632	Electric
26 ft	Genie	GS-2632	Electric
26 ft	Genie	GS2669 RT	Rough Terrain
32 ft	JLG	ES 3246	Electric
32 ft	JLG	R 3246	Electric
33 ft	Genie	GS 3369 RT	Rough Terrain
33 ft	Genie	GS 3384	Rough Terrain
33 ft	Snorkel	S3370 RT	Rough Terrain
40 ft	JLG	R 4045	Electric
40 ft	Genie	GS-4069 RT	Rough Terrain
43 ft	Genie	GS-4390	Rough Terrain
46 ft	Genie	GS-4655	Electric
47 ft	JLG	ERT 4769	Rough Terrain
53 ft	Genie	GS-5390	Rough Terrain



## Telescopic Boom Lifts

HEIGHT	MAKE	MODEL	CATEGORY
45 ft	Genie	S-45 XC	Rough Terrain
65 ft	Genie	S65 XC	Rough Terrain
80 ft	Genie	S-80 XC	Rough Terrain
85 ft	Genie	S-85XC	Rough Terrain
125 ft	Genie	SX-125 XC	Rough Terrain
135 ft	Genie	SX-135 XC	Rough Terrain
150 ft	Genie	SX-150	Rough Terrain



## Generators (Diesel and Hybrid)

POWER	OUTPUT	VOLTAGE	WEIGHT
5 kVA	5.5 kW	230V	95 kg
6 kVA	5.2 kW	240V	239 kg
10 kVA	8 kW	240V	391 kg
15 kVA	12.5 kW	240/415V	516 kg
20 kVA	16 kW	240/415V	703 kg
25 kVA	20 kW	240/415V	591 kg
30 kVA	24 kW	240/415V	950 kg
35 kVA	32 kW	240/415V	890 kg
40 kVA	35 kW	240/415V	900 kg
45 kVA	36 kW	240/415V	1085 kg
60 kVA	48 kW	240/415V	1110 kg
80 kVA	64 kW	240/415V	1403 kg
100 kVA	80 kW	240/415V	1685 kg
150 kVA	120 kW	240/415V	2000 kg
200 kVA	160 kW	240/415V	2440 kg
220 kVA	178 kW	240/415V	3670 kg
250 kVA	200 kW	240/415V	24500 kg
300 kVA	240 kW	240/415V	3068 kg
350 kVA	280 kW	240/415V	4439 kg
400 kVA	320 kW	240/415V	4400 kg
450 kVA	360 kW	240/415V	4597 kg
500 kVA	400 kW	240/415V	4800 kg
600 kVA	480 kW	240/415V	5970 kg
670 kVA	536 kW	240/415V	5970 kg
750 kVA	600 kW	240/415V	9200 kg
800 kVA	640 kW	240/415V	10000 kg
910 kVA	728 kW	240/415V	11600 kg
1035 kVA	828 kW	240/415V	11680 kg
1253 kVA	1002 kW	240/415V	14100 kg
1505 kVA	1204 kW	240/415V	14050 kg
1705 kVA	1364 kW	240/415V	15500 kg
2000 kVA	1600 kW	240/415V	16000 kg

\*All Generators under 100 kVA are available on trailers.



## Diesel Pumps Highhead

INLET SIZE	OUTLET SIZE	Q MAX	MAX HEAD
100 mm	75 mm	40 L/sec	200 m
100 mm	80 mm	42 L/sec	92 m
150 mm	75 mm	50 L/sec	150 m
150mm	100 mm	80 L/sec	180 m
150 mm	100 mm	117 L/sec	101 m
200 mm	150 mm	167 L/sec	101 m
250 mm	200 mm	250 L/sec	70 m
250 mm	200 mm	408 L/sec	109 m



## Diesel Pumps Surface Dewatering

SIZE	Q MAX	MAX HEAD
80 mm	45 L/sec	19 m   open and silent option
100 mm	69 L/sec	36 m   open and silent option
100 mm	77 L/sec	50 m   open and silent option
150 mm	150 L/sec	37 m   open and silent option
150 mm	141 L/sec	51 m   open and silent option
All Pumps under 150 mm size are available on trailers		
200 mm	175 L/sec	30 m   open and silent option
200 mm	236 L/sec	50 m   open and silent option
300 mm	313 L/sec	29.5 m   open and silent option
300 mm	600 L/sec	71 m   open and silent option



## Submersible Pumps

TYPE   POWER	SIZE	Q MAX	MAX HEAD
Dewatering   1 kW	50 mm	10 L/sec	16 m
Dewatering   2 kW	75 mm	14 L/sec	24 m
Dewatering   3.4 kW	75 mm	23 L/sec	23 m
Dewatering   6.6 kW	75 mm	20 L/sec	38 m
Dewatering   8.8 kW	75 mm	28 L/sec	40 m
Dewatering   6.6 kW	100 mm	37 L/sec	25 m
Dewatering   8.8 kW	100 mm	45 L/sec	30 m
Dewatering   14 kW	100 mm	20 L/sec	65 m
Dewatering   22 kW	100 mm	40 L/sec	65 m
Dewatering   30 kW	100 mm	40 L/sec	86 m
Dewatering   22 kW	150 mm	95 L/sec	40 m
Sludge   3.7 kW	75 mm	20 L/sec	13 m
Sludge   9 kW	100 mm	28 L/sec	23 m
Sludge   11 kW	100 mm	42 L/sec	24 m
Sludge   15 kW	100 mm	22 L/sec	27 m
Sludge   37 kW	100 mm	80 L/sec	50 m
Sludge   45 kW	150 mm	124 L/sec	30 m
Sludge   75 kW	150 mm	155 L/sec	48 m
Slurry   3.1 kW	75 mm	15 L/sec	15 m
Slurry   5.7 kW	100 mm	25 L/sec	23 m
Slurry   8 kW	100 mm	28 L/sec	25 m



## Battery Packs

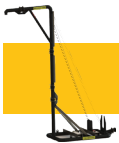
FEATURES	METRICS
Nominated rated power	36 / 45 kW / kVA
Nominal Energy Storage Capacity	46 kWh
Rated Voltage (VAC)	400 / 230
Battery system voltage (VDC)	48
Nominal Rated Current (A)	65





## Compressors

TYPE	AIR FLOW	DRY WEIGHT	PRESSURE
Trailer	127 cfm	700 kg	7 bar
Trailer	176.5 cfm	800 kg	7 bar
Skid	185 cfm	950 kg	7 bar
Trailer	251 cfm	1400	7 bar
Skid	400 cfm	1920 kg	10 bar
Trailer	423 cfm	2000 kg	7 bar
Trailer	530 cfm	2600 kg	10 bar
Trailer	893 cfm	3700 kg	8 bar
Trailer	938 cfm	5300 kg	12 bar
Trailer	1020 cfm	5300 kg	10.3 bar
Trailer	1102 cfm	5300 kg	8.6 bar
Electric Mobile	1286 cfm	2750 kg	5-14 bar



## Pump Accessories

Materials and Parts can be supplied at cost price + 20%

DN150 Standpipe	clearance 4.2m
DN150 Standpipe	clearance 4.8m
DN150 Standpipe	clearance 5.2m
DN150 Standpipe	clearance 5.8m
DN150 Standpipe	clearance 6.5m
DN150 Standpipe	clearance 8.6m
DN200 Standpipe	clearance 4.2m
DN200 Standpipe	clearance 4.8m
DN200 Standpipe	clearance 5.2m
DN200 Standpipe	clearance 5.8m
DN200 Standpipe	clearance 6.5m
DN200 Standpipe	clearance 8.6m
Hose & Cable Floats	
HDPE pipe	
Pontoons	
Flow Meters	
Suction Hose	
Discharge Hose	
Remote Monitoring	



## Portable Buildings

TYPE	SPECIFICATIONS
Dome Shelters	custom-made
Portable site offices	6.09 m & 12.19 m options, fully furnished
Portable Lunchroom	6.09 m & 12.19 m options, fully furnished
Ablution Block	6.09 m x 2.43 m, 4 cubicles
Sea Containers	6.0 m x 2.5 m & 12.0 m x 2.5 m
Portable Toilets	1160 mm x 1160 mm x 230 mm
Portable Showers	1150 mm x 1150 mm x 230 mm



## Lighting Towers Diesel & Solar

LAMP POWER	ILLUMINATED AREA	RUNNING TIME
1800 W	5000 / 500 m²	100 hours
4 x 320 W	4500 / 4200 m²	143 hours
4 x 320 W	5000 m²	218 hours
4 x 350 W	5000 m² @ 20 Lux	220 hours
4 x 350 W	5.4 lm /m² @ 28.328 m²	150 hours
6 x 350 W	315,000	145 hours
6 solar x 100 W	65,000	56 hours
2 solar x 100 W	14,000	35 hours



## Power Accessories

TYPE	SIZE	OUTLET
Distribution Board	32 amp	8 x 240V 15A   1 x 415V 20A   1 x 415V 32A
Distribution Board	63 amp	10 x 240V 15A   2 x 415V 20A   2 x 415V 32A
Distribution Board	125 amp	8 x 240V 15A   2 x 415V 32A
Power Cables	20 amp	cable length can be customised
Power Cables	32 amp	cable length can be customised
Power Cables	63 amp	cable length can be customised
Power Cables	100 amp	cable length can be customised
Power Cables	Hardwire	cable length can be customised
Load Banks	100 - 500 kW	in all application
Control Panels, Soft Starters & Variable Speed Drivers are available		



## Mobile Fuel Supply

TYPE	SIZE	COMMENTS
Fuel Tank	1000 L	Double banded, multiple fuel connections
Trailer Mounted	1000 L	Double banded, multiple fuel connections
Fuel Tank	2000 L	Double banded, multiple fuel connections
Fuel Tank	4000 L	Double banded, multiple fuel connections
Fuel Tank	10000 L	Double banded, multiple fuel connections
Trailer Mounted	2000 L	Double banded, multiple fuel connections

Plant Trailers, Tandem Trailers, Cage Trailers, Pressure Washer Trailers and Fire Fighter Trailer are also available for hire.



## Solar Skid

FEATURES	METRICS
Power	1.78 kWp
Voltage (Voc)	196.8 v
Current (Isc)	11.45 A
Dimensions	4455 mm x 2240 mm x 300 mm
Weight	750 kg



## Traffic Lights & Signage

CATEGORY	POWER SUPPLY
Traffic Lights	Nominal 12 Volts. Range 10.8 - 14.2V
Variable Message Signs	Nominal 12 Volts. Range 10.8 - 14.2V



## Solar CCTV

MAKE	CAMERA
Solareye	2x4MP acusense deep learning cameras, 50m night vision



## Solar Hydration Station

FEATURES
Compatible with all 1000L single use water packs
Optional 1500L fixed water storage tank
Insulated enclosure to minimise direct sunlight exposure of water pack
Easy access for forklift load/unload
Flexible inlet hose with quick release connection



## Dust Suppression Fans

MAKE	MODEL	ELECTRICAL ENGINE POWER
Generac	DF 4500	4kW
Generac	DF 7500	7.5kW
Generac	DF 15000	15kW
Generac	DF 20000	20kW
Generac	DF 50000	45kW
Generac	DF 110000	100kW



## Commercial Vehicles

SEATS	CATEGORY	MODEL
12 & 22	Mine Spec Buses	Toyota HiAce / Coaster & VW Crafter
7	Mine Spec 4x4 Wagon	Toyota Land Cruiser & Prado
2 & 5	Mine Spec 4x4 SC & DC	Toyota Hilux & WorkMate
5	Mine Spec 4x4 DC Steel Tray	Mitsubishi Triton & Isuzu D-Max



## Portable Steel Barrier

FEATURES	METRICS
Weight (12 m)	1155 kg
Weight (6 m)	562 kg (male) & 555 (female)
Lifting Capacity (6 m)	6.09 m & 12.19 m options, fully furnished
Lifting Capacity (6 m)	4.1 times the weight of 6 m Section.
Lifting Capacity (12 m)	2.0 times the weight of 12 m Section.



## Bulk Water Storage

BRAND	SIZE	COMMENTS
Break Tanks	2 - 60 KL	Fitted with stair & gantry system
Water Storage	2 - 56 KL	Can be modified to suit any application



## Machine Attachments

CATEGORY	ATTACHMENT	CATEGORY	ATTACHMENT
Excavator	GP Bucket	Tool Handler	GP Bucket
Excavator	Batter Bucket	Tool Handler	Rake Bucket
Excavator	Trenching Bucket	Tool Handler	Stemming Bucket
Excavator	Skeleton Bucket	Tool Handler	Grain Bucket
Excavator	Sieve Bucket	Tool Handler	Forks
Excavator	Screening Bucket	Tool Handler	Jib
Excavator	Trapezoidal Bucket	Tool Handler	Log Forks
Excavator	Tilting Bucket	Tool Handler	Man Cage
Excavator	Rock Breaker	Tool Handler	Tyre Grab
Excavator	Auger	Tool Handler	GPS
Excavator	Misu Heavy Duty Screen		
Excavator	GP Grapple	Backhoe	GP Bucket
Excavator	360° Grapple	Backhoe	Trenching Bucket
Excavator	Rock Grapple	Backhoe	Batter Bucket
Excavator	Hydraulic Grapple	Backhoe	Batter Bucket (Digger)
Excavator	Mechanical Grab	Backhoe	Auger
Excavator	Hydraulic Grab	Backhoe	Forks
Excavator	Sleeper Grab	Backhoe	GPS
Excavator	Plate Compactor		
Excavator	Compaction Wheel	Telehandler	GP Bucket
Excavator	Tree & Stump Mulcher	Telehandler	Batter Bucket
Excavator	Ripper	Telehandler	Forks
Excavator	GPS	Telehandler	Jib
		Telehandler	GP
Skid Steer	GP Bucket		
Skid Steer	Rake Bucket	Grader	Roller
Skid Steer	Forks	Grader	GPS
Skid Steer	Bucket Broom		
Skid Steer	Auger	Tractor	Grid Roller
Skid Steer	Trencher	Tractor	Hydraulic Angle Broom
Skid Steer	Levelling Attachment		
Skid Steer	GPS		



# POWER YOUR WORKSITE!



**GENMAC**

## GENERATORS FOR SALE

BRAND	MODEL	POWER
GENMAC	DYNAMIC G20PS	20kVA
GENMAC	STRONG G30PS	30kVA
GENMAC	STRONG G45PS	45kVA
GENMAC	KING G60PS	60kVA
GENMAC	KING G80PS	80kVA
GENMAC	QUEEN G100PS	100kVA
GENMAC	ROYAL G300PS	300kVA



**FINANCE AVAILABLE**

### Husqvarna LT 8005 Tamper

#### Technical Specifications

Weight: 99kg  
Engine: HATZ 1B20  
Power Output: 3kW  
Fuel: Diesel  
Speed: 11.5m/min  
TA1063249



### Husqvarna LF 100 LAT Forward Plate Compactor

#### Technical Specifications

Weight: 118kg  
Engine: HATZ 1B30  
Power Output: 3.2kW  
Fuel: Diesel  
Speed: 25m/min  
TA1063588



### Husqvarna LG 300 Forward & Reversible Plate Compactor

#### Technical Specifications

Weight: 282kg  
Engine: HATZ 1B30  
Power Output: 4.4kW  
Fuel: Diesel  
Speed: 25m/min  
TA1090968



### Husqvarna LG 504 Forward & Reversible Plate Compactor

#### Technical Specifications

Weight: 513kg  
Engine: HATZ 1D81Z  
Power Output: 9.1kW  
Fuel: Diesel  
Speed: 32m/min  
TA1063245



### Husqvarna LH 700 Forward & Reversible Plate Compactor

#### Technical Specifications

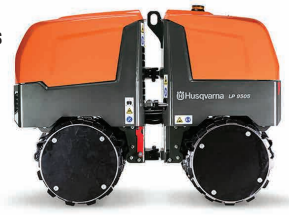
Weight: 780kg  
Engine: HATZ 1D90V  
Power Output: 11kW  
Fuel: Diesel  
Speed: 30m/min  
TA1063251



### Husqvarna LP 9505 - Remote Control Trench Roller

#### Technical Specifications

Weight: 1680kg  
Engine: D1105  
Power Output: 18kW  
Fuel: Diesel  
Speed: 22.5m/min  
TA1063423



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