



MOBILE PLANT SOLUTIONS
CAPABILITY STATEMENT



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Hallett Group - About Us

We will work closely and diligently with our client and all key players in helping to deliver a successful outcome in a safe, responsible and environmentally thoughtful manner.



Head quartered at Dry Creek, Hallett Group is a \$400+ million turnover business which is the largest integrated building supplies and construction material company in South Australia. Our size and diversity give us an advantage in having a broad range of expertise to provide a balanced outcome for any project. We are well invested with the flexibility and agility to respond quickly and efficiently to any challenge or opportunity.

As part of our continual improvement process, Hallett Group have recently invested \$80+ million into their business. The investment has been in major quarry plant upgrades and acquisitions, new EML's, new concrete trucks, new transport fleet, mobile concrete plant capability, fixed Wet Batch concrete plant (first in SA) and a new NATA accredited laboratory. In addition, Hallett have recruited the best people from the Industry and can boast leading technical and operational expertise.

Hallett's corporate vision is **'be the dominant construction materials, mining materials and building products partner in South Australia and grow our business in attractive markets and industries'**. This has resulted in our positive market reputation that is based on our values and business philosophy of:

Customer Focused: We are a partner that goes above and beyond to delight our customers and add real value, well beyond just our product offerings.

Agile Innovative & Fastest: We will be at the forefront of technology and innovation; we will be the fastest and most adaptive to identify, realise and seize opportunity.

Respect and Integrity: We will behave with professionalism and considered regard toward our internal and external stakeholders, fostering a diverse environment promoting candid constructive communication and ideas.

Business Excellence: We have a continual improvement mindset, we constantly evaluate ourselves and our business looking for ways to improve our safety, our sustainability, our service, our processes and most importantly our people.

Hallett Group - About Us (continued)



With over 30 years of success and growth, the Group is focused on delivering tailored, innovative and cost-effective solutions to meet our customers' needs. Our equally diverse client base is a testament to the quality of our work and our commitment to being the best.

Our customer projects are supported by our extensive network of resources and technical expertise. Through this, we can reduce client project risks through co-ordinated design and consultation, project delivery, supply chain management and logistics capability.

We are the largest producer of concrete in South Australia with a fleet of over 120 prime agitator trucks producing around 600,000m³ per year with a network of 7 fixed plants and 5 mobile plants and are recognised as the leading concrete supplier in South Australia.

We have successfully completed many major projects including the Techport project (110,000m³), Gateway South Darlington Upgrade project (approximately 52,000m³), the Nyrstar Port Pirie Transformation project (30,000m³), and Port Augusta and Lincoln Gap Wind Farms (80,000m³).

Hallett Group - About Us (continued)



HALLETT GROUP'S CONCRETE & QUARRY LOCATIONS

Mobile Plant Capability



With 5 mobile plants, Hallett Group has fantastic mobile plant capability with a variety of different solutions for projects of any size. We are licensed to operate anywhere in South Australia and can provide a range of different mobile batch plant solutions ranging from our 50 m³/hour single bin plants to a fully integrated 5 weigh bin solution capable of batching at up to 110m³/hour.

Our mobile plants are fully automated with our Jonel batching system which interfaces directly into our head office enabling daily invoicing and real time reviews of batch records and plant performance by our technical and operational teams.

We are happy to work with the project to establish the most appropriate supply solution including redundancy plans.

Key Benefits of our mobile plant solution:

- Great service
- Easy availability at any time
- Better and fresher concrete for ease of placement
- Ability to instantly react to changes in demand
- Reduction in over ordered or old age dumped concrete
- Reduced community impact from agitator trucks not fighting through traffic
- Greater interaction and transparency with all stakeholders
- Extensive experience operating in harsh regional areas and will go anywhere within Australia to service projects where we can add value

Our Mobile Plant Solution Success Stories



OSBORNE NAVAL SHIPYARD PRECINCT - STAGE 1

Key project highlights included:

- Over 83,000 m³ of concrete supplied to the project
- Zero injuries to any employee, contractor or visitor
- Zero environmental impact
- Plant availability at >99% available and delivery service levels at >98% on time
- Zero mix quality issues
- Mobile plant capacity of >100m³ per hour, with additional capacity and redundancy available from fixed plant network (Dry Creek)
- Low shrinkage mixes
- Low heat mixes
- RMS spec mixes
- Precast panels
- Precast piling
- Piling

Key Customers:

- Lend Lease
- Saccardo's
- Jocon
- McMahon Services
- Keller

Our Mobile Plant Solution Success Stories (continued)



NYRSTAR TSL FURNACE POURS

NYRSTAR PT. PIRIE TRANSFORMATION PROJECT

Customer Contacts:

Adam Betterman	Lucas TCS	0408 783 926
Ty Newman	Geotechnical Engineering	0401 697 239
Simon Pacione	Piling Contractors (Keller group)	0428 139 041

In October 2014, Hallett Concrete won the contract to supply concrete to the Nyrstar Transformation Project. Once awarded, the Hallett Concrete team seamlessly mobilised two Sunstate mobile batch plants, two supplementary cement silos, batch huts, an IT front end loader and a water chiller from Adelaide to Port Pirie for the delivery of the project.

Hallett Concrete worked closely with four major contractors on site in Lucas TCS, Piling Contractors, Geotechnical Engineering and McMahons Services to successfully deliver over 30,000 m³ of concrete. Our customers were delighted with our ability to continue to service all contractors simultaneously with great service.

Key project highlights included:

- Over 30,000m³ delivered to a highly monitored site with significant risks present over 18 months without any incidents or injuries.
- 2 x 700 m³ and 1 x 500 m³ continuous pour for the new TSL Furnace where Hallett Concrete exceeded the customers' expectations in our ability to deliver high volumes without interruptions.
- 1 x 600 m³ continuous pour in a tight work area with limited access and in extremely close proximity to a 10,000-litre acid tank.
- Over 20,000 m³ of 40 MPa CFA mix successfully delivered over summer where we used a water chiller to ensure slump retention even on days over 40°C

Our Mobile Plant Solution Success Stories (continued)



PORT AUGUSTA WIND FARM PROJECT (STAGE 1)

Project Details:

Developer: Elecnor

Builder: Catcon

The Port Augusta Wind Farm Project was completed over 8 months utilising one mobile plant and one back-up plant, with 10 to 12 agitator trucks working on site. A total of 50 wind turbines were delivered.



Key project highlights included:

- 1 x 80m³ per hour batch plant plus back-up plant on site
- 500m³ per pour
- Continuous pours
- 90% of pours conducted at night
- A total of 33,000m³ of concrete supplied
- Site size - 100 x 100 metres



Our Mobile Plant Solution Success Stories (continued)

GATEWAY SOUTH DARLINGTON UPGRADE PROJECT

Customer Contacts:

Nigel Hird	Project Manager Structures	nhird@laingorourke.com.au	0417 187 425
Simon Gegg	Retaining Structures	simon.gegg@gatewaysouth.com.au	
Matthew Saviana	Project Director	matthew.saviana@fultonhogan.com.au	

Innovation

The Darlington project is one of the largest concrete delivery projects in South Australia's History and was successfully undertaken by our teaming partner Hallett Concrete.

The project has a demand of 100,000m of concrete over a project period of 18 months.

It not only needs to meet the Customers delivery schedule, but it also needs to take into account any impact on the environment and the community in which it will operate over this period of time as well as meeting all the regulatory and legal requirements.

Hallett Concrete spent a considerable amount of time reviewing and analysing the project requirements and determined that any supply from a fixed plant would not meet the Projects deliverables and consequently only offered the alternate mobile plant as the solution.

The plant is a dedicated 100m³ per hour which includes a 5 bin Belt weigher mobile which is unique to our industry in SA. No other concrete business in South Australia is presently using a Belt weigher plant.

Impact on Operations

Our solution to establish a high capacity mobile plant at Darlington was a carefully thought out, structured and mitigated decision. Through our risk assessment process, we developed our and the projects priorities as well as identified any upstream or downstream impacts. From an operational perspective, we saw immediate benefits and gains in productivity, in cost savings of energy, fuel and transport on costs, increased engagement by our fleet drivers, increased quality control, reduced plant maintenance and nil downtime. We were able to demonstrate the benefits of onsite placement and production through faster turnaround of deliveries, improved communication with project team members and immediate resolution of issues as they occurred.

This was a project we wanted to win as we knew that we not only had the right solution to meet the demands of the project but that we had the right assets, the right personnel, the right attitude and the right locally sourced and sustainable products.

Our Mobile Plant Solution Success Stories (continued)

Key Project Highlights:

- Supplied CFA, shotcrete for barriers, DTEI 20mpa to 50mpa and other high spec concrete
- Successfully supplied concrete 24/7 for 3 months without incident
- Efficiency gains realised for all parties through use of Semi-agitator on piling works
- Zero injuries to any employee, contractor or visitor
- Zero environmental impact
- Plant availability at >99% available and delivery service levels at >98% on time
- Zero mix quality issues
- Mobile plant capacity of >100m³ per hour, with additional capacity and redundancy available from fixed plant network



Our Mobile Plant Solution Success Stories (continued)

OSBORNE NAVAL SHIPYARD PRECINCT

Customer Contacts:

Barry Clarke Project Manager barry.clarke@lendlease.com.au 0427 227 303

The Project will support the continuous build programmes for warships and is part of the \$90 billion commitment provided by the Federal Government.

The project consisted of building 3 major sheds and five smaller sheds to facilitate and house the construction of the new naval war ships.

Innovation and Performance

The project demanded an output of 100m³ per hour with daily pours between 600m³ and 1,200m³. The concrete mix supply was for high durability, low heat, low shrinkage, 40 and 50mpa for flat floors of approximately 1 to 1.5 metre thick.

Our solution was to mobilise 2 plants on site servicing between 2 and 4 concrete pumps. Some of the mixes were supplied with Flyash, others with Slag and some with a triple blend to reduce the heat requirements.

We also supplied precast for the piling which was constructed on site in an open-air environment which allowed us to achieve a 15mpa compressive strength after 18 hours.

We also supplied Frankipile and CFA high MPa mixes ranging from 20mm slump to 600mm flow.

Our highly skilled and experienced technical team worked closely with the designers of ANI and Lendlease to supply fit for purpose mixes meeting the design criteria of the concrete supply.

To date, we have placed close to 80,000m³ and continuing, we have had NO rejected loads and the customer feedback has been exceptional.

Our Mobile Plant Solution Success Stories (continued)



OSBORNE MOBILE PLANTS

Our Mobile Plant Solution Success Stories (continued)



OVINGHAM LEVEL CROSSING PROJECT

Project Details:

Builder: McConnell Dowell

5000m³ of our Enviro Construct DIT range was used for this project. Hallett was able to replace 50% of GP Cement with a blend of Flyash and Slag to reduce the carbon emissions on this project.

Enviro Construct has a range mixes to suit all applications of placement. The range includes:

- **DIT** - Department of Transport mixes
- **Low Carbon** - different GP Cement replacement quantities up to 65%
- **Green Star** - concrete with the ability to give a 1, 2 or 3 Star Rating

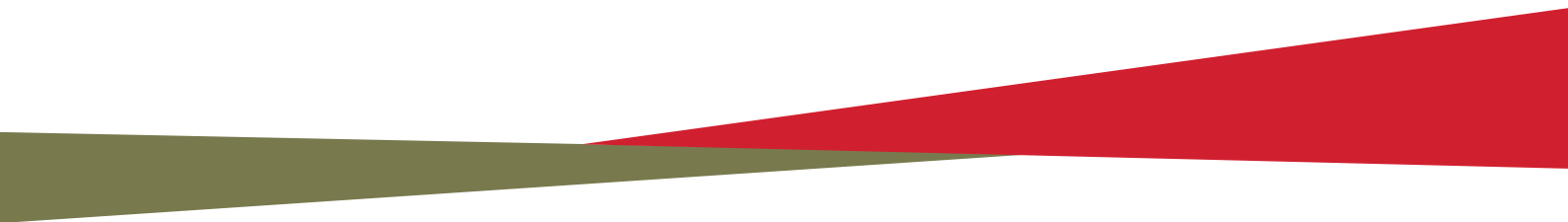
Key project highlights included:

- Concrete produced from Mile End Wet Batch Plant
- Piling, structural and non structural used Enviro Construct
- Concrete met DIT specifications
- First time a triple blend was used in structural elements

Supply Methodology

Hallett Group have the ability to establish an autonomous mobile batching plant with a multi-bin capable of producing 110m³ per hour.

PLANT	LOCATION	DETAILS
Mobile Plant	Anywhere in South Australia	5 x 60m ³ per hour single bin plants all able to be converted to 110m ³ per hour multi bin plants as required Up to 3 different cement silos



**HALLETT
GROUP**

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