

Mobile precast capabilities

March 2021





About us

Humes, established in 1910, is the largest and oldest civil precast concrete manufacturer in Australia. Over the last 110 years, we have played an important role in the development of Australia's infrastructure, providing new products, technologies, and manufacturing improvements to meet our clients' complex project challenges.

Humes design and manufacture precast concrete solutions for a diverse range of projects including mining and resources, water, utility and transport infrastructure.

Nationwide we have over 1,000 staff who manufacture over 600,000 tonnes of precast concrete products annually across our 11 manufacturing facilities.

Being a vertically integrated business unit of LafargeHolcim, means we have access to resources such as, cement, aggregates (crushed stone, gravel and sand) and ready-mix concrete.



Mobile precast

With over \$12 million worth of mobile equipment Humes is fully equipped to establish on-site precast yards to directly supply projects in almost any location. We can have a mobile precast plant up and running within six months of being awarded a project.

Projects that are ideally suited to benefit from an on-site precast facility include:

- Wind farms
- Transport tunnels
- Level crossing removals
- Mines and LNG facilities
- Jails and modular buildings

The benefits of having Humes establish an on-site precast yard for your next project include:

- Highly experienced Humes staff on-site to assist with problem solving as required.
- Reduced transport costs and delivery delays.
- Reduced project risks related to controls and cohesion.
- Your on-site inspectors are able to perform pre and post pour inspections themselves, so no need for remote inspectors.
- Providing a boost to the surrounding community by hiring local labour and using local companies for site establishment, steel fabrication, equipment maintenance etc.

Mobile equipment

- Batch plants
- 90 tonne rubber tyre gantrys (2)
- 25 tonne overhead gantrys (2)
- 12.5 tonne diesel gantrys, 25m span (2)
- Precast forms for L Beams, Retaining walls and Headstocks
- Curing tents (2)
- Containerised curing systems (2)
- 3000 tonne prestressing bed
- 1500 tonne prestressing bed
- Off coil machines (2)



Products suited to mobile production

- Prestressed / Post tensioned beams
- Prestressed piles
- Piers / Crossheads
- Wind Towers
- Match cast segments
- Tunnel Liners
- Shafts
- Wall panels
- Retaining walls
- Traffic barriers
- Culverts, Base slabs, Headwalls
- Pods - Jails and modular buildings
- Oil/Gas/Mining Infrastructure (drainage, walls, pits etc)





Benefits of partnering with Humes

- We have a skilled team of mobile precast experts, who are experienced in setting up these type of sites.
- We provide you with dedicated on the ground technical staff.
- We already own the mobile assets; no time cost in procuring them.
- Partnered with our parent company LafargeHolcim, we can accommodate your complete precast needs, with the addition of a mobile concrete batching plant for your project.
- The ability to certify products as carbon neutral through our EPD.
- We can be fully self-sufficient; no requirement to have power, water or waste supplied to our site.



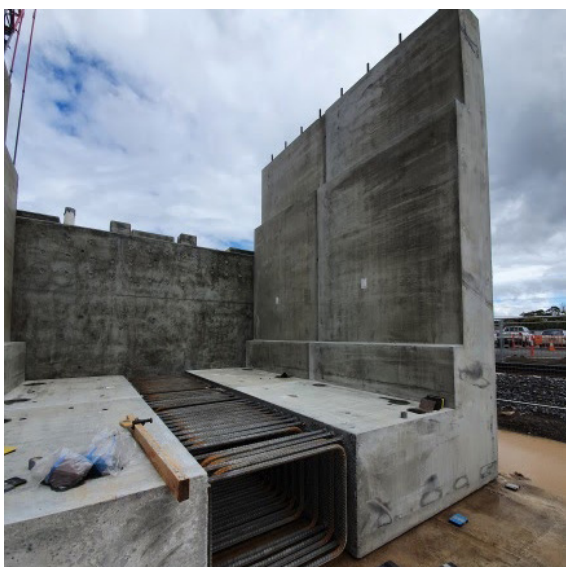
Case study

Melbourne Level Crossing Removals

- Werribee St
- Mernda St
- Sky Rd
- Abbots Rd
- Bell to Mooreland

Total precast items supplied

- 870 x Retaining walls
- 180 x Headstocks
- 412 x L-Beams





National sales 1300 361 601

humes.com.au

info@humes.com.au

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