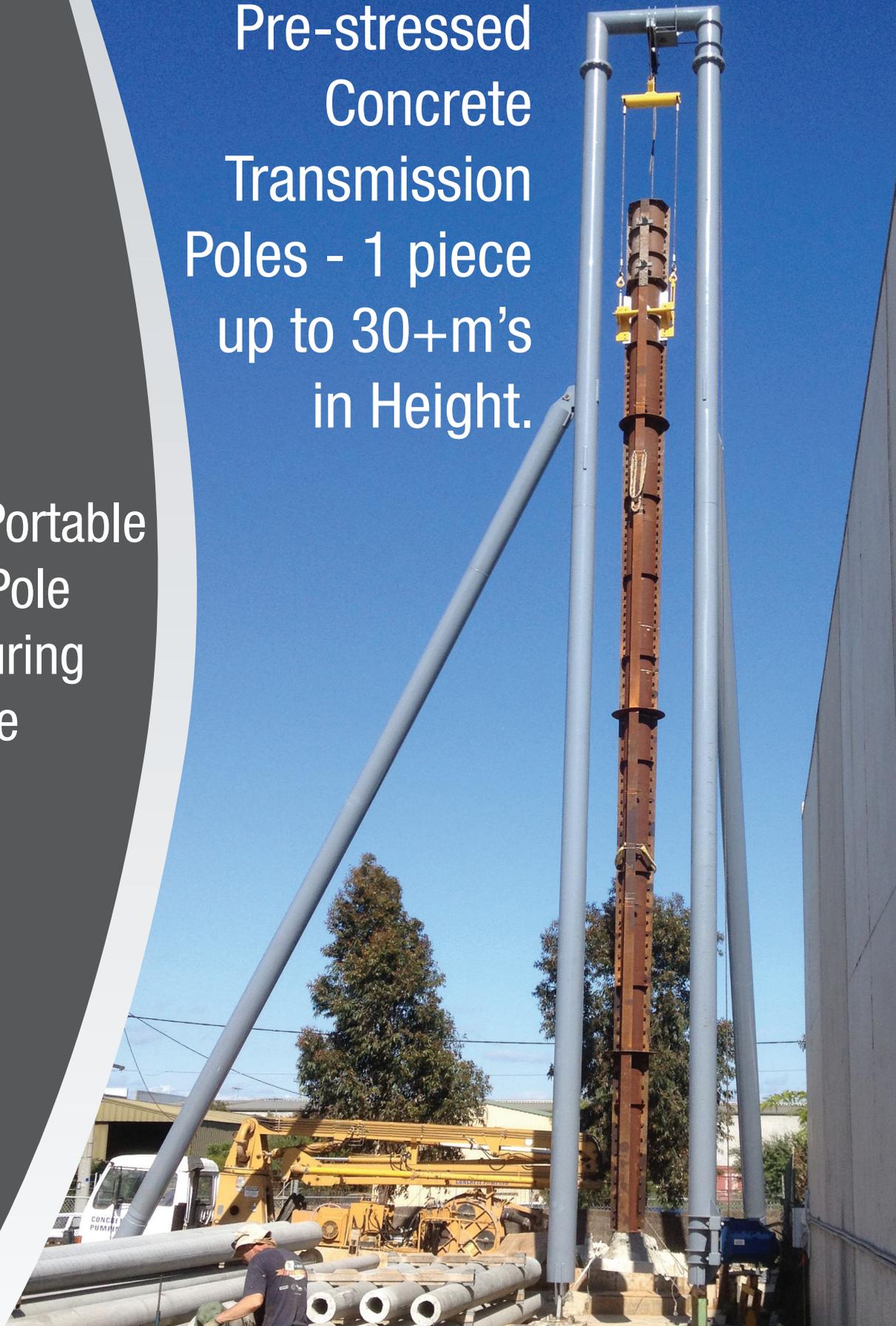


Pre-stressed
Concrete
Transmission
Poles - 1 piece
up to 30+m's
in Height.

Simplest Portable
Concrete Pole
Manufacturing
Plant in the
World.



TransHume Pty Ltd
pre-stressed concrete transmission poles
www.vertechhume.com.au

The TransHume Process

TransHume Pty Ltd
pre-stressed concrete transmission poles

The TransHume Process.

The TransHume process makes pre stressed concrete poles 30M plus for the transmission of power. The pole plant is a fully transportable low cost plant for localised manufacturing. The major benefits come from significantly reduced transportation costs.

The technology is scaled to meet local demand, relocating as required which allows you to move the production plant further down the line improving the efficiency of the pole delivery at multiple times along the installation line.

TransHume poles are statically cast, no centrifugal force or vibration. Concrete is pumped vertically to exclude air producing high density concrete.

TransHume poles are cast against an inner former and outer moulds producing a constant wall thickness and even displacement of materials across the matrix, the C of G from pole to pole is constant.

Unlike the "Spun method" the TransHume method does not leave a layer of laitance on the inner surface of the pole where ground water wicks up leading to corrosion and concrete spalling.

Small concrete batching plants, concrete agitators, pumps and vapour generators are universally available. When coupled with a TransHume set of moulds and mould portal you have a pole production facility.

It doesn't get any simpler than this!

Ask these questions about "Pole Spinning" technology

- Q** Why is the "centre of gravity" in a spun pole always in a different place?
- Q** When you spin a concrete pole how do you know where the concrete travels to?
- Q** How can you tell if the wall thickness of the pole is consistent?
- Q** How do you know the concrete is homogenous?
- Q** If the wall thickness changes and the concrete is not homogenous how do you know how the pole will perform to the standard?
- Q** The spun method produces a layer of laitance inside the pole that is like a café cappuccino which absorbs 20 - 25% moisture causing corrosion of the reinforcing steel, how do you stop this occurring?

TransHume Pty Ltd
pre-stressed concrete transmission poles



Information available upon request

- documentation of certified poles tests
- process time with detailed breakdown
- available fittings and accessories for the poles. Earthing ferules, step bolts, screws etc.'
- detailed description of the pole construction process.
- tables of mechanical strength / resistance
- agencies and licences available.

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