

THE BENEFITS OF CONCRETE

WHY SPUN CONCRETE POLES?

Unlike conventional cast poles, prestressed spun concrete poles are centrifugally cast. This process involves spinning the poles at a very high rpm, which produces poles with the highest density and strength to weight ratio of any concrete available. As a result they are more durable; longer lasting and resistant to freeze/thaw cycles and chemical agents.

All our concrete pole are prestressed with high-tensile steel that is stretched before the concrete is cast, then released to maintain concrete compression. Prestressing greatly increases both the strength and resilience of the pole, providing far greater longevity than non-prestressed concrete poles.

In addition, the centrifugal (spinning) process creates a smooth, hollow raceway, tunnel inside the pole. This allows for internal routing of electrical cables.



CONSIDER THE ADVANTAGES

- Cost effective direct buried design
- Long maintenance free life span
- Variety of heights and classes
- Minimal vibration and deflection
- Resistant to corrosion
- High resistance to sulfate attack
- Environmentally friendly
- Variety of colours and finishes
- Resistant to rot, fire, and insects
- Hollow internal raceway

