



Digesters

Round tanks

Water towers

Special structures

Towers

Tunnels



Water towers – RSB soars above the rest.

RSB scales new heights.

Know-how and expertise are needed to meet the challenges of every job. The dedication of the RSB team knows no bounds. That's the RSB way. Let us introduce you to RSB.

RSB offers the benefits of fully customized services. The RSB package includes project planning, engineering, stress analysis, logistics, construction, and supervision. RSB handles all aspects of transportation and storage, setting standards that others can't meet.

The tower's ascent begins.

Starting at the bottom ...

The RSB system is based on economy and efficiency. The RSB formwork system strikes an ideal balance between standardization and variability. No complex, costly scaffolding obstructs our water towers. The time tested RSB funnel-shaped or flared formwork clads any protruding parts of the conical tank.

... and rising to the top.

When soaring to great heights, safety must come along. That's where RSB's specialized tower climbing cage comes in. Integrated staging, a vertically mobile work platform, and protective scaffolding provide rapid, safe access to any point in the structure.



RSB – The specialist in water towers.

Where art and technology meet.

RSB water towers fit harmoniously into the landscape. They have become landmarks all over the world, representing the successful convergence of aesthetics and technology. That's RSB.

Highest quality.

Structures for water towers place extremely high demands on formwork technology. RSB is recognized as an experienced specialist in this sector. The main advantages of RSB formwork are simple, fast assembly/disassembly, no through-wall ties, and self-supporting bowl and dome formwork.

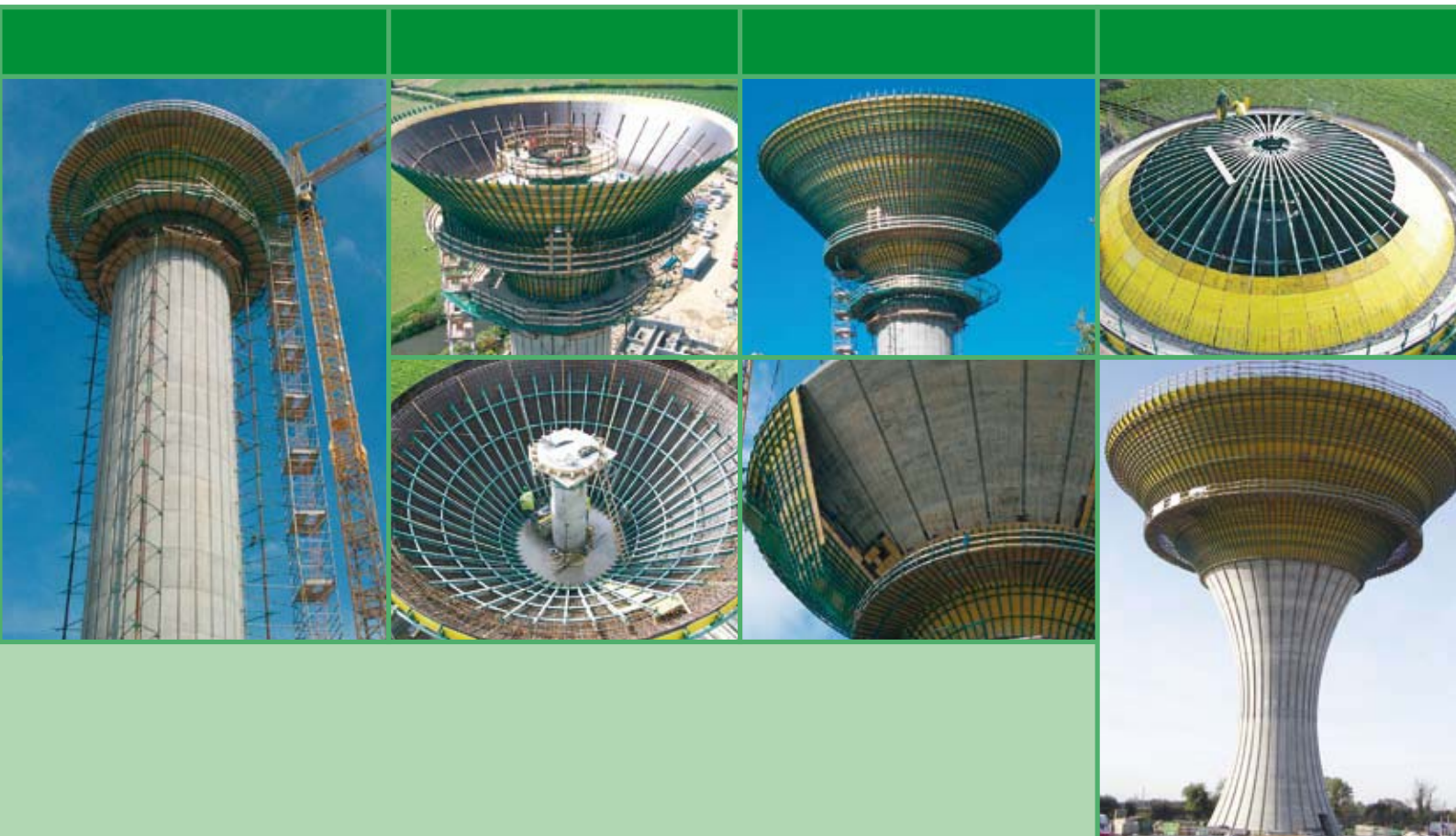
Engineered for superior results.

Cylindrical formwork.

- No through-wall ties
- Casting of cylindrical sections 1.5 to 3.0 m high for the entire circumference
- Excellent concrete quality
- Integrated working platforms

Conical and double-curved formwork.

- Self-supporting inner and outer formwork
- No scaffolding or shoring system required for support of conical bowl formwork
- No through-wall ties required for watertight concrete
- Height of individual concreting sections up to 7.50 m
- Maximum concrete drop height is 0.50 m
- Full visual inspection of the work area while placing and compacting concrete
- Bowl section can be cast with a minimum of construction joints



A company of experts.

Always an innovator.

RSB has focused on advanced formwork solutions for circular structures since the company was founded in 1978. Today RSB is the world's leading supplier of circular formwork, with satisfied customers all around the globe. They value the products and services provided by RSB and rely on its expertise.

RSB offers one-stop shopping for a complete range of products and services: planning, engineering, project management, formwork and assembly. RSB's experienced local supervisors also keep the construction site running smoothly around the clock.

