WOODEN POLES FOR TRANSMISSION AND TELECOMMUNICATION
Lotus Timber supply Transmission and Telecommunication Poles that have been growing for more than 70 years. Produced from Nordic Timber and Preservative Treated with market leading wood protection products, these poles are able to withstand the harshest climates.
Lotus Timber Transmission and Telecommunication Poles meet the highest standards for service longevity, but at the same time are kind to the environment. Our poles are deep-impregnated, complying with exacting standards of Hazzard Class 4. With this HC4 process, they are completely protected, throughout the whole of the required service life, against fungal decay and insect attack. Lotus Timber use Tanalith E3475 wood preservative as an Eco-Friendly and effective alternative to Creosote Oils. Our process and wood preservative product meets the exacting high standards of NTR, the recognised Nordic quality standard for Wood Preservation.
Lotus Timber is one of the leading Timber Impregnators and Processors in Northern Europe. Our treatment, production facility and fully integrated Management Team all work under one roof, making our ability to handle large, complex projects and tight delivery schedules, with ease.

WORKING FOR THE WHOLE WORLD
Lotus Timber is one of the leading Timber Impregnators and Processors in Northern Europe. We have year on year growth in our sales of Transmission and Telecommunication Poles and have achieved and maintained, high standards of both product and service. We strive to work openly with our Clients, being flexible, efficient and carry out our business with the highest quality Industry Standards as expected by the discerning Customer base of the Industry today. We hope to hear from you soon about any requirements that you may have.

Aare Pilv  
Managing Director Lotus Timber

Lotus Timber follows the Wood Protection Standards of both NTR A and NTR AB of the Nordic Wood Preservation Council (NTR).

Our modern European production facility is based in Maardu, Estonia with good Logistic connections to European and Worldwide Markets. In our factory we turn raw material into products for Construction, further processing or for end user. Lotus Timber select, dry, saw, plane, cross cut, impregnate or paint a wide range of products to be used in a variety of end uses.

To keep in line with the demands of our Clients, our production facility operates 24 hours a day, including Public Holidays.
HOW IS A LOTUS TIMBER WOODEN POLE MADE?

**Planting**
A future pole tree was planted in the 1920s. The harsh Nordic climate has made it thick and strong.

**Selection**
Nowadays, when 80–90 years have passed from planting, a forester carefully selects the trees that are suitable for making poles.

**Preparations**
Pole trees are felled, cleaned and left in a Lotus Timber air-dryer for a year.

**Drying**
Treated poles drip and dry for a week, after which they are ready to be used.

**Treatment**
All poles are treated in a high-pressure autoclave for several hours. This makes sure that the wood preservation products penetrate deep into the wood.

**Quality control**
All Lotus Timber poles undergo a quality check in a laboratory.

**Transportation and installation**
Products that have passed the quality check are installed at their place of use in Estonia, Nordic countries, Africa, etc.

**Service life**
The service life of Lotus Timber poles meets clients’ requirements. National standards usually require a 15 or 30-year service life.

**Recycling**
If the service life of a Lotus Timber pole has expired, it can be made into pellets for heating or wood chips for composting – nature giveth and taketh away.

### TECHNICAL INFORMATION

**Treatment**
NTR A treatment with Tanalith E 3475* wood preservative

**Service life**
As per standard, i.e. 15–30 years

**Tolerance**
The length of our poles may differ from the required length by ±100 mm.

### CLASSIFICATION OF POLES

If the diameter of the stem is less than the diameter required in the relevant class, the pole will be classified as belonging to the closest lower class. (The table and the figure can be found at http://www.lotustimber.ee/en/tooted/putmastid/)

* NTR A treatment with WEI type C creosote oils is possible as well.