

# TSUBAKI NEPTUNE™ RS ROLLER CHAIN

SURFACE TREATED ANTI CORROSION CHAIN



# TSUBAKI NEPTUNE™ RS ROLLER CHAIN

## MADE IN JAPAN

Located in Kansai Science City, the Kyotanabe plant embodies our wide spectrum of cutting-edge technological solutions. Our aim is to develop this environmentally friendly facility into the world's number one chain plant. Furthermore, Kyotanabe's Technical Centre plays a vital role within the Tsubaki Group through its R&D activities and dissemination of information. The Kyotanabe plant is an excellent example of a facility built on the foundation of Tsubaki's technical expertise.

### Consideration for the Global Environment

The Tsubaki Group is working to conserve the environment and reduce the environmental impact of its operations by improving the efficiency of its manufacturing activities. In addition, the Tsubaki Group is advancing the development of environmentally friendly products. These eco-products

help customers reduce energy consumption and improve the economic aspects of their operations.

The Tsubaki Eco Link logo is used only on products that satisfy the standards for environmental friendliness set by the Tsubaki Group.



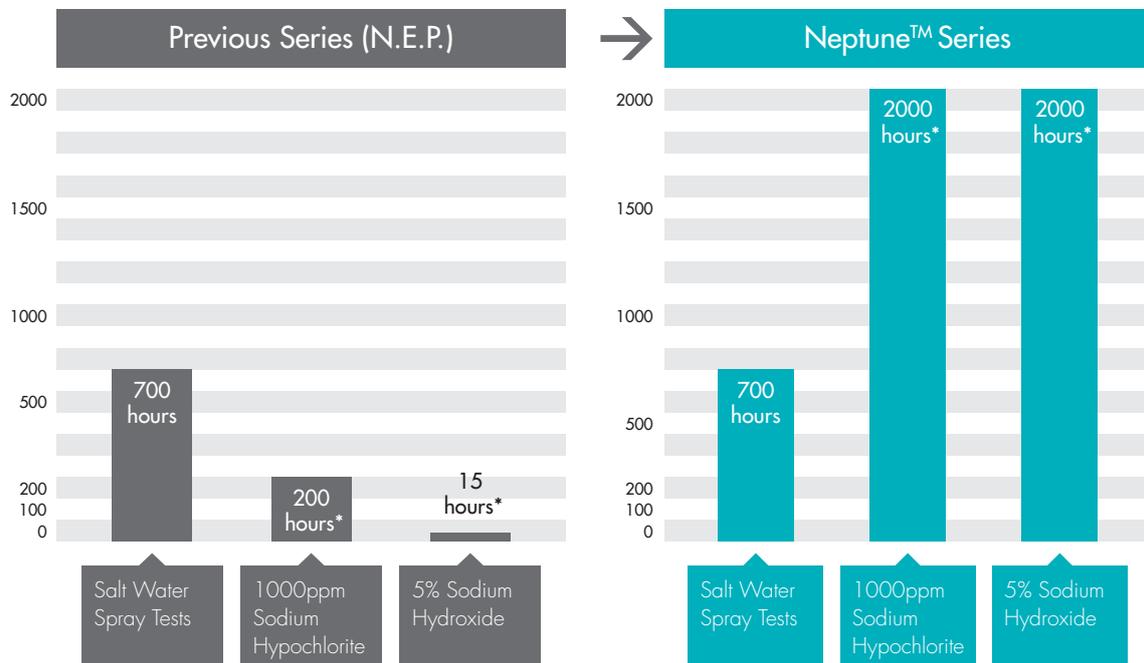
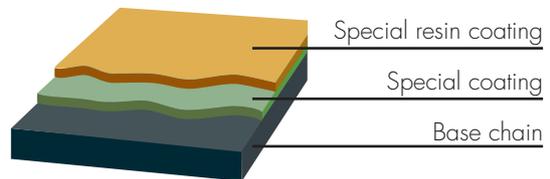
# ANTI CORROSION NEPTUNE™ CHAIN TOUGH AGAINST WATER & ALKALIS

## Features

- High corrosion resistance
- Excellent chemical resistance
- Same strength as carbon steel chain
- Less environmental load

## New Surface Treatment Structure

The Neptune™ surface treatment combines Tsubaki's uniquely developed special coating and special resin coating for superb corrosion (rust) and chemical resistance.



\*In-house test comparison

Sodium hypochlorite and sodium hydroxide are used in the food industry to clean and disinfect. Both are alkaline aqueous solutions.

## FOR CORROSIVE ENVIRONMENTS FOOD | WASTE | PACKAGING

The Tsubaki Neptune™ Series is a top quality carbon steel chain that can be used in applications that are subject to alkaline cleaning and wet environments.

### No Strength Reduction

A special treatment process is used that does not affect chain strength (part hardness). Neptune™ chains have the same tensile strength and allowable load as our standard roller chains.

### Lower Environmental Load

Neptune™ chains use no harmful hexavalent chromium in their corrosion resistant surface treatment, nor any other hazardous substances such as lead, cadmium, mercury, or arsenic. Neptune™ chains are RoHS compliant.

### Environment

Manufacturing chain with a substantially longer wear-life serves the environment: less frequent chain replacement results in reduced consumption of raw materials and energy and reduces the CO<sub>2</sub> emission. Neptune™ chain is a true eco-friendly product.

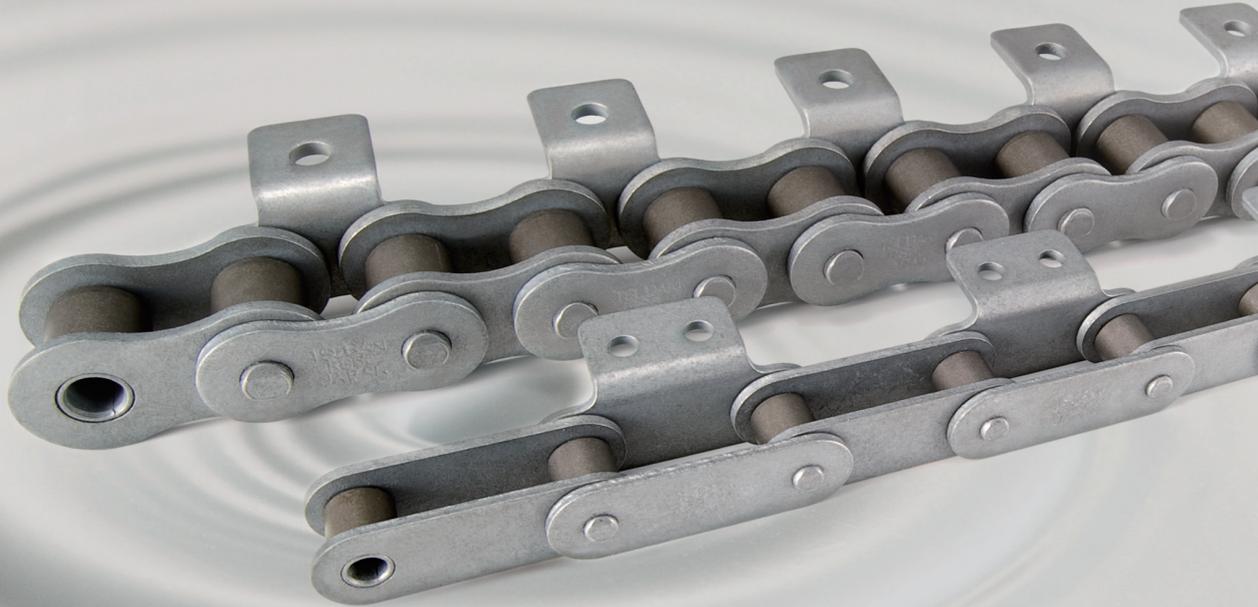
### Chain Selection Software

Tsubaki's chain selection software offers an in-house developed calculation program with which chain can be selected easily: the user inputs the individual drive requirements first. The Tsubaki chain selection software then calculates the required chain size and type, and offers the user a constructive chain solution.

### Typical uses for Neptune™ chain include:

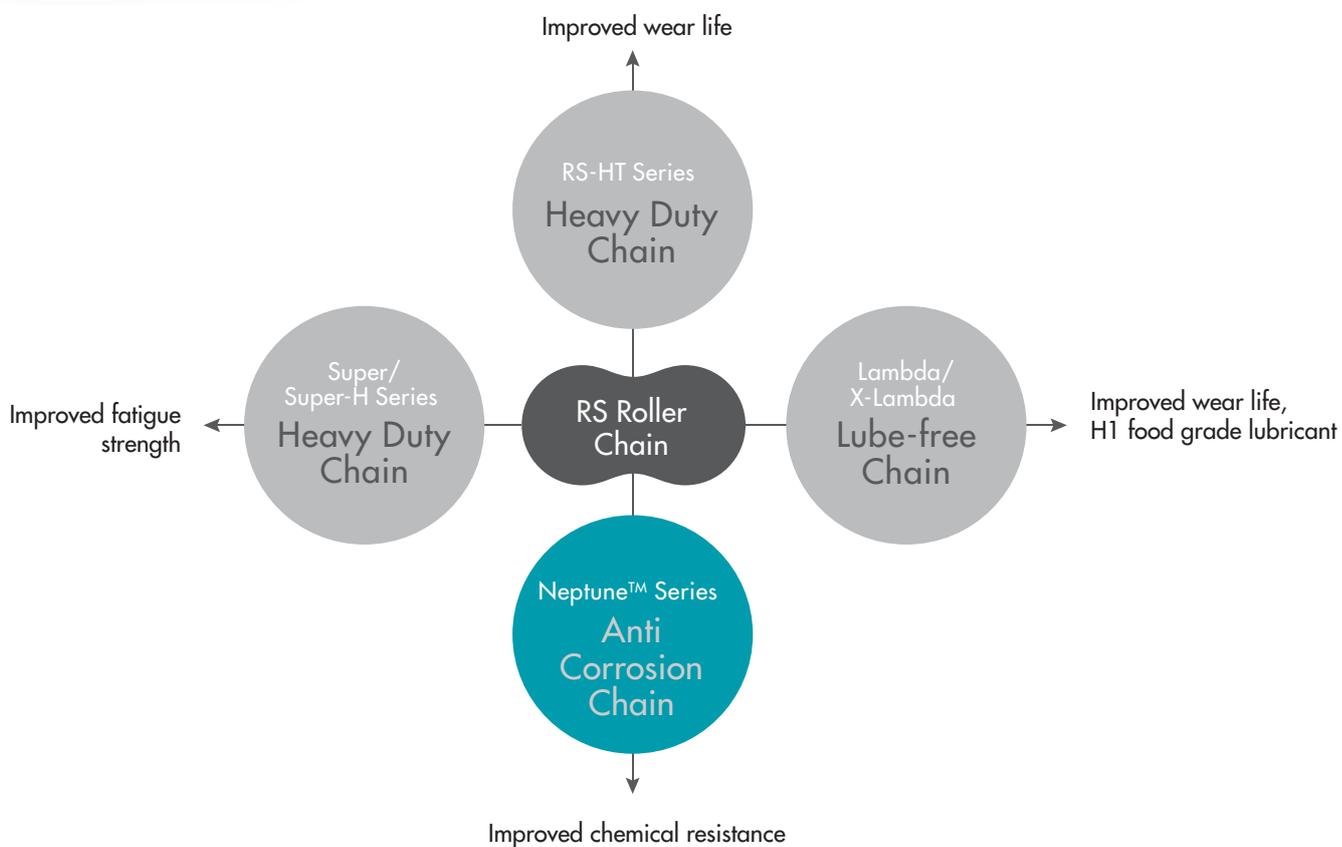
- Food processing
- Waste treatment
- Packaging
- PET bottle sterilizing





# TSUBAKI PRODUCT MAP

THE REBIRTH OF THE DRIVE CHAIN, WITH IMPROVED QUALITY AND PERFORMANCE.



**Tsubakimoto Europe B.V.**

Aventurijn 1200  
3316 LB Dordrecht  
The Netherlands  
Tel: +31 (0)78 620 4000  
E-mail: [info@tsubaki.eu](mailto:info@tsubaki.eu)  
Internet: [tsubaki.eu](http://tsubaki.eu)

**Tsubakimoto UK Ltd.**

Osier Drive, Sherwood Park  
Annesley, Nottingham NG15 0DX  
United Kingdom  
Tel: +44 (0)1623 688 700  
E-mail: [sales@tsubaki.co.uk](mailto:sales@tsubaki.co.uk)  
Internet: [tsubaki.eu](http://tsubaki.eu)

**Tsubaki Deutschland GmbH**

ASTO Park Oberpfaffenhofen  
Friedrichshafener Straße 1  
D-82205, Gilching  
Germany  
Tel: +49 (0)8105 7307 100  
E-mail: [antriebstechnik@tsubaki.de](mailto:antriebstechnik@tsubaki.de)  
Internet: [tsubaki.de](http://tsubaki.de)