

Long life roller chains on display at PPMA

20 August 2024

Precision engineered roller chain specialist, Tsubaki, is presenting its range of long life, durable chains for the packaging industry at the PPMA Show, Birmingham, 24-26 September 2024. Tsubaki will show its gripper chains for form, fill, and vacuum seal wrapping applications, as well as specialist chains for long-life when lubrication cannot be applied, and corrosive environments.

Tsubaki will be located on stand B54, NEC, Birmingham.

The international show features over 300 exhibitors and every aspect of the production line will be represented, from labelling, filling and packaging to processing, robotics, automation and industrial vision systems. Designed and manufactured for optimum durability and lifetime, Tsubaki provides roller chains to machine builders and users across PPMA's sectors including packaging lines, industrial packaging, labelling and bottling, as well as logistics and automation.

“The PPMA Show is an important exhibition for Tsubaki because of the focus we have on processing and packaging machine builders and users,” says Jake Yamamoto, Tsubakimoto Europe's Sales & Marketing Director. “Processing and Packaging machine users need high throughput as well as minimal downtime, and our chains are designed for long-life, which both optimises productivity and lowers the total cost of ownership. We look forward to welcoming visitors to PPMA and demonstrating these benefits.”

Tsubaki will present its gripper chain range for form, fill, and vacuum seal operations. The chain's durable springs have been developed to last for more than 10 million high-speed cycles and the M-type attachment's side-swivel design, which can be combined with Tsubaki sprockets, enables highly smooth operation for optimal

material feed-through. With recessed riveted pins for easy chain length adjustment, the gripper chain is also easy to install with a spring clip fitting.

For many food packaging applications, the risk of contamination prevents roller chain lubrication, resulting in accelerated chain deterioration and productivity-stopping breakdowns. To resolve the issue, Tsubaki has developed its Lambda roller chain, impregnated with NSF-H1 food-grade lubrication to protect against friction. Special sintered bushes retain the lubricant, preventing contamination while prolonging chain life.

Tsubaki will also present its Neptune anti-corrosion roller chain. Suited to packaging lines that require hygienic operation and undergo regular washdowns with aggressive detergents, the Neptune chain includes a two-layer surface treatment that prevents rust. The chain is tested to 700 hours of saltwater spray and 2,000 hours of sodium hypochlorite and sodium hydroxide exposure, both of which are used in the food industry to clean and disinfect. The Neptune is also offered in a lubrication-impregnated Lambda version.

To ensure exacting chain measurements for pairs and multiples of chains used together on packaging machinery, Tsubaki also provides a Match & Tag service. This guarantees a maximum chain length difference of just 0.5mm that optimises chain synchronisation for new machines and facilitates a fast, duplicate replacement for retrofit.

For more information, please visit <https://www.ppmashow.co.uk/exhibitors-2024#/exhibitors/tsubakimoto-europe>

Image captions:



Image 1: Tsubaki's Neptune anti-corrosion roller chain.



Image 2: Tsubaki's Lambda chain with NSF-H1 food-grade lubrication.

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About Tsubaki

Established in 1917, Tsubakimoto Chain Company is the world's premier manufacturer of power transmission products with strong market positions in premium quality industrial drive & conveyor chains and associated power transmission components such as cam clutches, reducers & linear actuators. With a turnover exceeding \$1,5 Billion US Dollars & 6,500 employees, the Tsubaki group includes 41 manufacturing locations and 81 group companies worldwide. Our production and sales networks are now more developed than ever.

Tsubakimoto Europe B.V. serves Power Transmission customers in the Pan-European market, Africa and the Middle East from European headquarters located in Dordrecht, the Netherlands, along with a local subsidiary based in Nottingham, serving the UK market & Ireland and from the office in Ismaning, Germany customers in Germany, Austria and Switzerland are served. Customers in Spain and Portugal are served by our office in Madrid, Spain.

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