

APPLICATIONS: PAPER AND PULP

Paper and Pulp Chain Applications: Durability, Strength and Efficiency

Paper and pulp applications operate at high speeds and put significant shock loads on chain components. To serve our paper and pulp industry customers, Diamond Chain designs products to standard ANSI chain specifications, but with greater durability and strength than alternative brands.

By exceeding industry standards for withstanding high shock loads and resisting the wear and tear of paper and pulp applications, Diamond Chain products last longer and require less maintenance than our competitors' chains. A stronger, longer-lasting chain increases your operation's productivity and efficiency, as well as reducing downtime.

APPLICATIONS: FOOD AND BEVERAGE

Diamond Chain for Food Production: Precision, Safety and Longevity

Diamond Chain applies our rigorous standards for excellence and durability to products designed for food production applications to reduce costs and downtime.

MADE-TO-ORDER ATTACHMENT ROLLER CHAIN

We offer attachment roller chain with a wide variety of standard and custom attachments to meet your production and packaging needs. We also design [made-to-order chain and attachments](#) for unique requirements. All of our attachment roller chain and made-to-order chain is processed by hand to ensure precise length matching. Unlike pre-stretched chain, Diamond Chain's hand processing gives our products a higher degree of precision, which reduces waste and abrasion on machinery and packaging.

FOOD PRODUCTION ROLLER CHAIN

Diamond Chain [food production roller chain](#) uses FDA-approved materials and food-grade lubricants to protect the chain's structure and strength while ensuring food safety. We choose materials and lubricants to meet specific needs for sanitization, processing, cooking and sterilization. Our experienced professionals will work with your team to determine which standard or made-to-order chain works best in your application.

CORROSION RESISTANCE – CHAIN FOR PROCESSING ENVIRONMENTS

For food processing environments that require [corrosion resistance](#), chain from Diamond's ACE brand is coated in nickel and non-hexavalent chromium to maintain food safety requirements while also ensuring the chain's strength and integrity.

APPLICATIONS: WOOD PROCESSING

Wood Processing Chain Applications: Strength, Corrosion Resistance and Value

When we design chain products for wood processing applications, our engineers work to balance the requirement for chain strength and durability with the equally important consideration of protection from environmental factors that can cause chains to quickly corrode and fail. To handle these competing requirements, Diamond Chain developed a highly effective proprietary lubrication process to combat weather, sawdust accumulation, and other environmental factors while maintaining the force and strength of carbon steel chain.

As a result, Diamond Chain's [corrosion-resistant chain](#) for wood processing applications is the best product for withstanding shock load and transitioning through different environments.

Our [attachment roller chain](#) is also corrosion resistant, and is built with strength and precision to facilitate different phases of logging and lumber finishing. With a wide range of standard and custom attachments, Diamond's attachment roller chain can be customized to make your operation more efficient and minimize the expense of maintenance and downtime.

APPLICATIONS: MINING AND AGGREGATE

Mining and Aggregate Applications: Durable and Reliable Conveyor Chain

Diamond Chain understands that the productivity and profitability of mining and aggregate operations requires reliable components, so we make our conveyor chain with industry-leading standards of durability and extended wear life.

Diamond Chain's team of experienced professionals works with mining and aggregate customers to determine which type of conveyor chain offers the greatest value and longest-lasting performance for their operations. We offer [large pitch roller chains](#), multiple strand roller chains, and [heavy series chains](#) to meet the specific needs and load requirements of our customers.

Our conveyor chains are made in America using a proprietary process to apply lubrication to our chain components, resulting in a longer-lasting, more reliable performance. Because we make our conveyor chains domestically, we maintain stock availability you can rely on.