



## Chain Features

TYC manufactures both specialized leaf chains and heavy duty roller chains for port equipments. Examples are leaf chains used on lift trucks handling empty containers, or roller chains for straddle carriers. Chains for port equipments often operate 24-7 under constant high load. *No doubt, superior quality is needed for such tough application.*

The complete series of TYC heavy duty roller chains are available for power transmission purposes in stringent conditions. Please refer to “HEAVY DUTY ROLLER CHAIN” for more information.

To deal with the heavy load and long working hours that the lift trucks operate at the port, TYC leaf chains for port operation specially feature alloy steel components that can better withstand shock loads. *Special heat treatment of pins increases surface hardness significantly, which helps improve wear life.* Well-controlled dimensions ensure the consistency of components and hence a smooth movement of the chain joints. TYC high quality lubricant protects chains from wear in the harsh environment. Coated chains are available upon request.

# CHAIN FOR PORT EQUIPMENT

Contact TYC today for a comprehensive range of high quality products for port operations

## Available Chain Sizes



100-1	BL 1066	LL 2466
120-1	BL 1234	LL 3244
120-2	BL 1266	LL 3266
140-2	BL 1444	LL 3288
160-1	BL 1446	LL 4066
160-2	BL 1634	
240-1	BL 1644	
24B-1	BL 1666	
24B-2	BL 1688	
28B-2	BL 2044	

High load generates high friction between pins and plates. In some cases, the torque may exceed the strength of the press fit between the pins and outer plates and results in pin rotation. TYC has developed special solutions to prevent pin rotation. A chain gauge is available for elongation inspection. It is easy to use so chain replacement can be scheduled based on inspection measurements and completed without any un-planned work stoppage. Custom-made adjustable anchors and chain kits are also available. Contact TYC today for a comprehensive range of high quality products for port operations.

