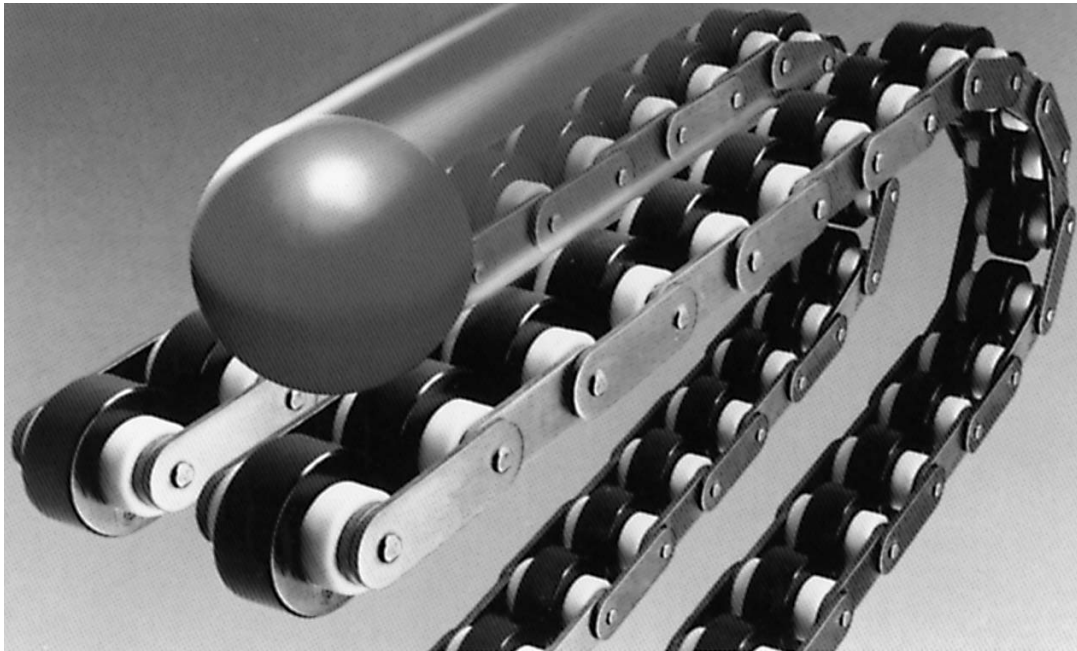


## Free Flow Chain



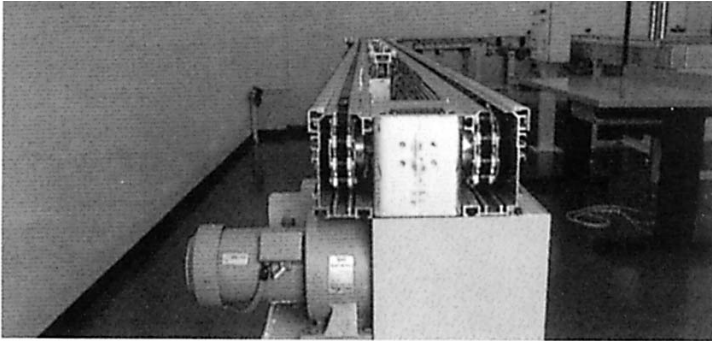
Free Flow Conveyor – this is a conveyor system where the speed of conveyed objects can be freely controlled and stopped at any time and at any position for accumulation or for performing a job at a station without stopping in the conveyor.

A typical application is, for example, an assembly or accumulation conveyor used in the electronics industry to transport consumer products such as TVs, VCRs, and radios, etc. Technical innovation in this field is very fast. To produce hi-tech products quickly, hi-tech assembly lines using quick and accurate chains are necessary.

U.S. Tsubaki has developed the most advanced chains for Free Flow conveyors drawing on U.S. Tsubaki's technological expertise and long experience as a leader in worldwide chain manufacturing. U.S. Tsubaki Free Flow chains have many advantages.

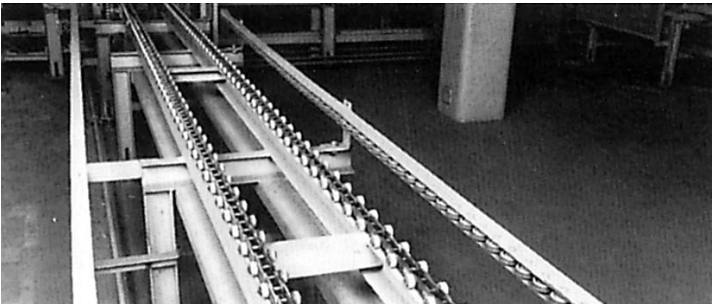
- Maintenance-free, long life
- Economical
- Quiet operation
- Clean and anti-corrosive
- Wide selection

## ■ DOUBLE PLUS® CHAIN



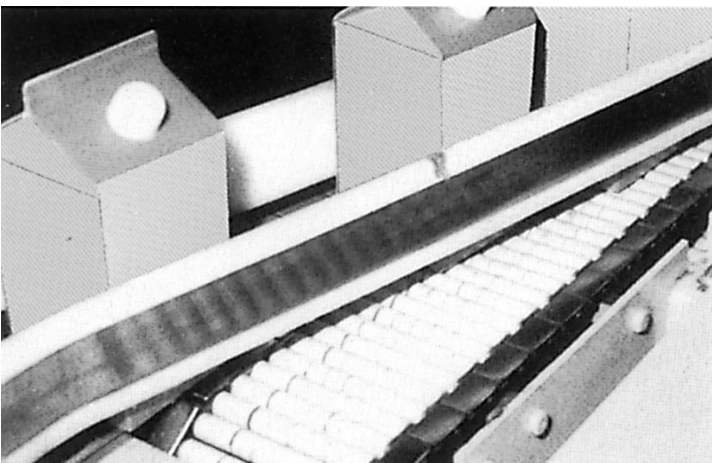
Quiet operation is one advantage of using U.S. Tsubaki DOUBLE PLUS® chain. Because materials transported on the chain move 2.5 times faster than the chain itself, motor speeds can be reduced, cutting down on noise and costs. Safety is ensured by the extra-large, engineering plastic center rollers which allow for installation of a chain cover. The original design of U.S. Tsubaki's aluminum guide rail is standardized for easy installation. Steel roller DOUBLE PLUS is available for high load or high temperature applications.

## ■ OUTBOARD ROLLER: SIDE AND TOP ROLLER CHAINS



The Outboard series consists of both side and top roller chains. Outboard roller construction makes for a highly compact conveyor system. Since a large number of rollers can be installed, a conveyor can easily be made where small objects are placed directly on the chain. Quick start-up is also possible by ordering a chain with plastic brakes.

## ■ ROLLER TABLE



Line pressure is notably reduced during accumulation because of the low roll-friction coefficient on the plastic rollers (between 0.06 and 0.10). This low roll-friction coefficient protects the conveyed object from damage. In addition, smooth transfer to the next line is ensured by the plastic rollers and special attachments with the same surface height.