

## Container Handler Parts

Container Handler Parts - Forming the basis of containerization, shipping containers are part of a transfer system based upon using steel intermodal containers (shipping containers). These containers are built to certain standard dimensions which could be transported and stacked, unloaded and loaded with optimum efficiency over long distances. Shipping containers are often transported by ships, rail and semi-trailer trucks without being opened.

This system of making use of shipping containers was developed following WWII so as to very much reduce transport expenses. Containerization has likewise been huge in increasing international trade alliances. Now, for example, approximately 90 percent of non-bulk cargo is transported globally by containers that are stacked on transport ships. It is estimated that 26% of all container trans-shipment takes place in China. There are enormous ships which can transport over 14,500 units.

At the start, few foresaw the extent of the influence that containerization will bring to the shipping industry. Benjamin Chinitz, a Harvard University economist predicted during the nineteen fifties that containerization will benefit New York by enabling it to ship its industrial products more cost effectively to the Southern United States than other areas can. He did not anticipate that containerization would even make it more inexpensive to import such products from abroad.

Of the economic studies on containerization, nearly all assumed that the shipping organizations would soon begin to replace older kinds of transportation with the container systems. The studies did not predict that the process of containerization itself would result in a more direct effect on various producers, along with increasing the overall volume of trade all around the world.

Containerization offers one vital advantage which is improved cargo security. The cargo is less probable to be stolen as all the merchandise is not visible to the casual viewer. Typically, the doors of the containers are sealed and this means that whatever signs of tampering are more evident. There are lots of containers that are outfitted together with high-tech electronic monitoring devices. These could be remotely monitored to detect changes in air pressure. This detection happens when the doors are opened. These monitoring devices have lessened the "falling off the truck" syndrome that long plagued the shipping business.

Before, there was some difficulty with incompatible rail gauge sizes in various nations. Now, most shipping ports now utilize the same basic size of container that has reduced the problems. Now, most rail networks all over the world operate on a 1435 mm gauge track. This is considered to be the standard gauge, although, several nations make use of wider gauges. Several countries in South America and Africa utilize narrower gauges on their networks. All of these countries depend on container trains that makes trans-shipment between different gauge trains a lot easier.