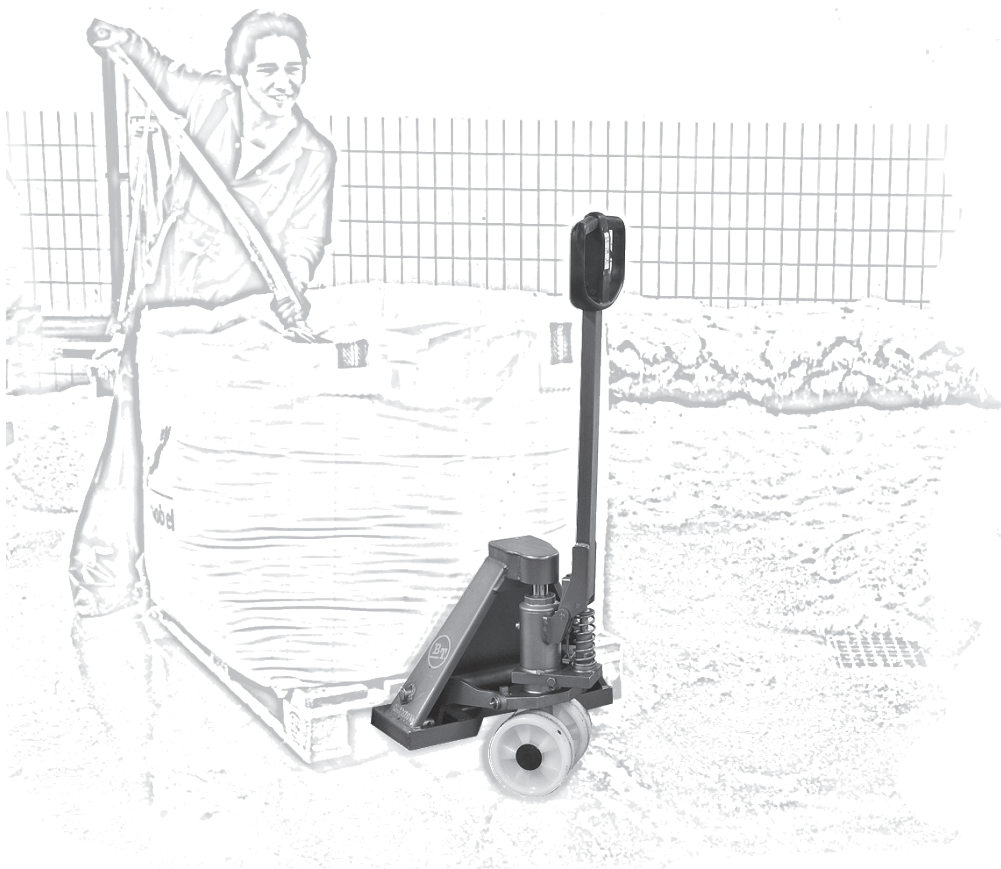


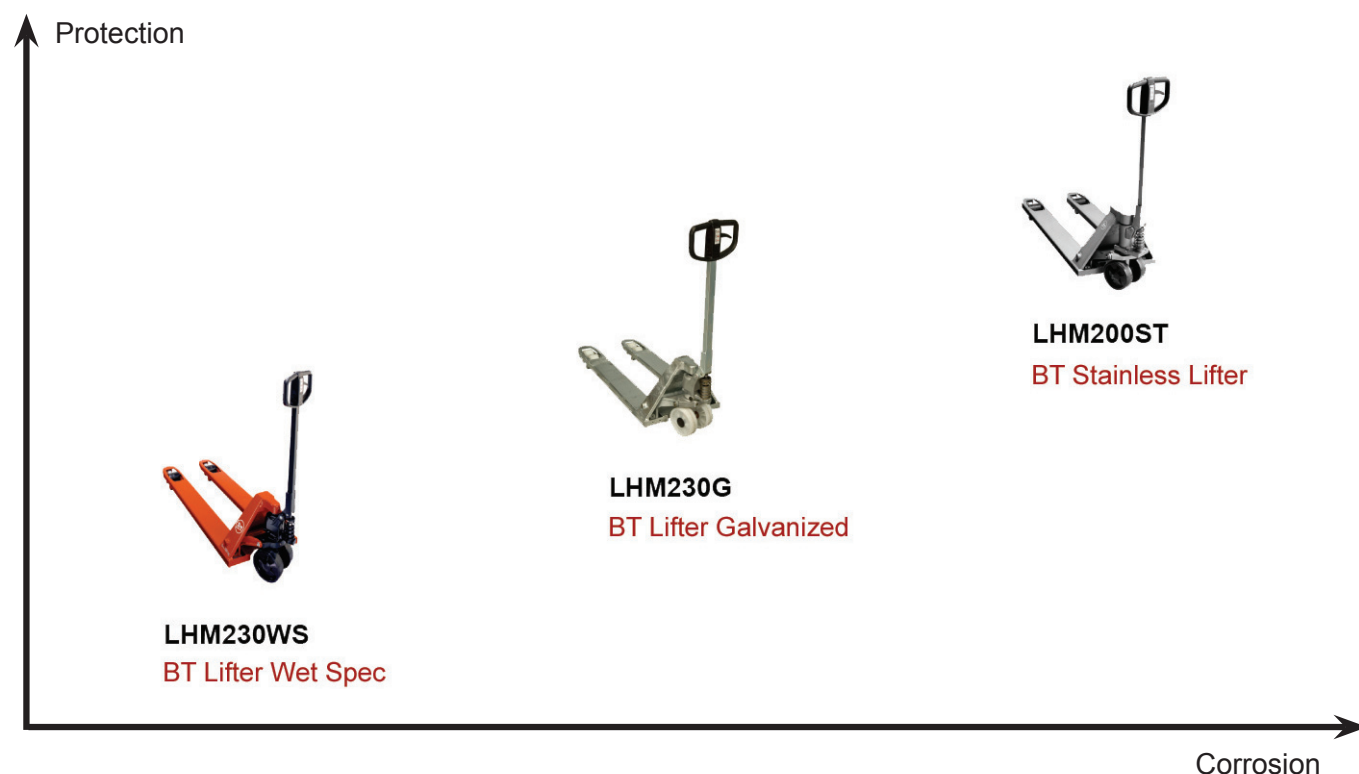
# Applications

## Wet conditions Hand Pallet Trucks



There are three models in the hand pallet truck range to meet the demands in the application of wet conditions. The range is based on three products for protection dependant on the intensity and amount of exposure to water, salt and corrosive environment in the application.

- The “**Wet Specification**” protection is for moderate wet and humid conditions on lorries, in chilled/low temperatures and food processing.
- The “**Galvanized**” protection is for wet and humid conditions with occasional exposure to temperatures below freezing point and salty water.
- The “**Stainless**” protection is for extremely tough conditions with high exposure to salty water, raw meat and fish, plus meets high demands needed in hygiene related applications.



## Typical applications

You will often find this type of product for wet conditions in the fish and meat processing and distribution industry. Fish boat ports, sea fruits production, fish and meat distribution centres and supermarkets are the most common places. Sometimes these products are also used outdoors.

The transport of fresh fish from boats on the docks is an extreme tough environment with exposure to salt water and fish waste. Salt water is an element that is present in this type of application and is highly corrosive.

In cold and wet applications temperatures can vary considerably. These high temperature changes often leads to condensation and refreezing of the moisture, which potentially is a risk.

## Wet Specification

The BT Lifter Wet Spec is based on the standard hand pallet truck with the addition of stainless steel axles and ball bearings. This is the entry level product in a wet condition application where the surroundings are wet and the load on the forks is normally dry. Used in moderately wet conditions on lorries, in chilled temperatures and food processing industry with packaged goods.

**Load carriers:** Plastic and wooden load carriers, roll containers.

**Environments:** Warehouse ambient, outdoor and chilled store.

**Customer segments:** Fish & meat distribution.

**Model:** LHM230WS



## Galvanized

The BT Lifter Galvanized is a product that has three types of zinc coatings plus a number of stainless steel components. This model is used in the same applications as the wet specification product above, where the load is often wet, in slushy environments and where the remains of fish and meat come in contact with the truck. Transport of bulk goods is also common.

**Load carriers:** Plastic and wooden load carriers, open containers.

**Environments:** Warehouse ambient, outdoor and chilled store.

**Customer segments:** Fish & meat processing, distribution and markets, and chilled store.

**Model:** LHM230G



## Stainless

The BT Stainless Lifter is designed with a 100% stainless or non corrosive components to withstand the toughest of conditions. These environments include high exposure to humidity, salt water, raw fish and meat. This product also meets the highest demands on hygiene for pharmaceutical and laboratory application.

**Load carriers:** Plastic and wooden load carrier, open containers.

**Environments:** Warehouse ambient, outdoor, demands on high hygiene and permanent use in cold store.

**Customer segments:** Fish & meat processing, distribution and markets, and Pharmaceutical.

**Model:** LHM200ST



## Selection process

When selecting the correct product for the wet application some critical factors are the intensity of the application, the level of exposure to corrosive environments and hygiene demands. A rule of thumb is, the higher the intensity of the application in combination with high corrosion exposure, the higher demands on protection level are to be considered.

## Specification differences

Below are the standard specification differences for all three models:

### BT Lifter Wet Spec LHM230WS

- Stainless axles (AISI 316)
- Stainless wheel bearings
- Looks like a standard HPT
- Cold store oil (option)

### BT Lifter Galvanized LHM230G

- Hot-galvanized Chassis
- Electro-galvanized
  - tow bar
- Spray-galvanized
  - pump body and thrust plate (+ painted RAL 9006)
  - wheel forks
  - push rods
  - torsion tube
- Stainless axles (AISI 316)
- Stainless pump spring
- Stainless, rubber sealed, wheel bearing
- Cold store oil (option)

### BT Stainless Lifter LHM200ST

- Stainless:
  - chassis (AISI 304)
  - torsion tube
  - push rods
  - wheel forks
  - axles (AISI 316)
  - tiller arm (AISI 304)
  - thrust plate
  - pump housing (AISI 304)
  - bearings
- Brass cylinder and top nut
- Cold store oil



TP-Technical Publications, Sweden — 746XXX-040, version 1, 1007