

Environmental Product Declaration

Introduction



This environmental product declaration is valid for Aritco slow speed lifts in the 2000-, 4000- and 7000-series.

These lifts are CE-marked and type-approved according to the new machine directive 2006/42/EC of the European Community (published on the 9th of June 2006 and applicable from the 29th of December 2009).

Aritco lifts are sold worldwide via stipulated partners. Telephone conferences and partner meetings are held via telephone and WEB-meetings as far as possible.

Within each product category, the lifts are built according to a modular system. In this way they are easy to rebuild and to use again at other

installations.

This means that the products functionality are constructed and developed after the same principals regardless of what size and capacity the product have.

The Environmental Work at Aritco

For Aritco Lift AB it is necessary to play an active part in the preserving of our environment. We shall, within the scope of our customer's product demands, show the utmost consideration for the environment.

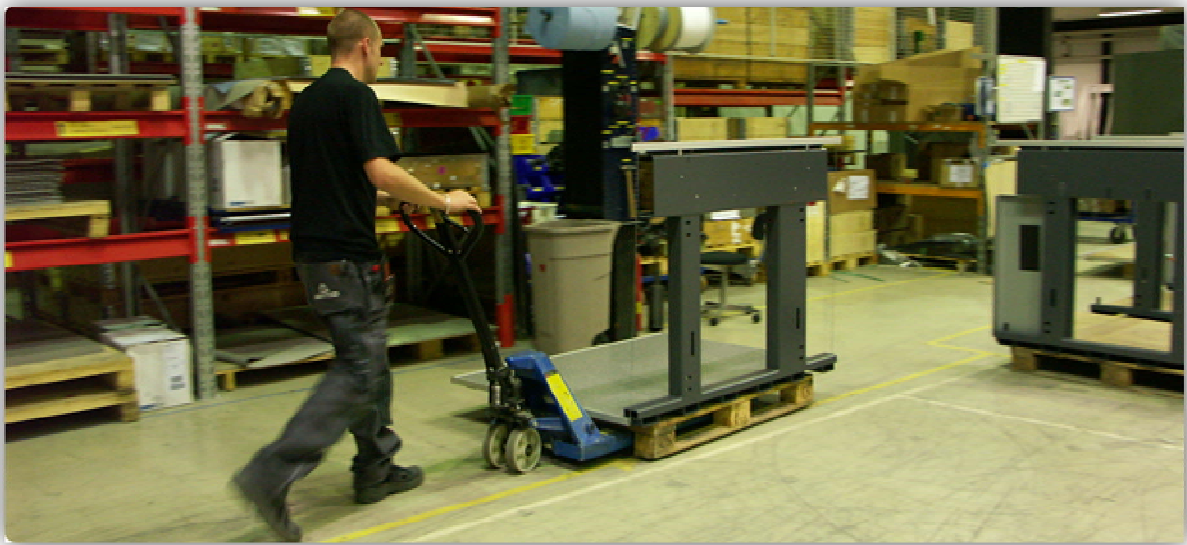
The environmental work is therefore valid for all employees within the company, as well as all products and services that we provide regardless if we have made them ourselves or bought them. We shall make sure that our product, our services and our production is part of a future-safe society by constant working for:

- Achieving continuous improvements
- Educate and engage our personnel in environmental issues
- Urge our partners and suppliers to adopt our environmental principals

This results in:

- Resource-economic and recycling friendly products
- Products and production that fulfills laws, directives and local demands
- Us achieving our environmental goals

Production



The development is made in a factory in Kungsängen just outside Stockholm. All material is bought according to specification and drawings from our suppliers and in our factory all assembly and testing is performed.

The suppliers in the surrounding areas are prioritized if feasible.

By this reason the products can be gathered in a common environmental product declaration, where only the amount of material varies depending on product size and product category.

The production is made under a strictly controlled manner with a minimum of environmental influence.

All painting and varnishing are made by subcontractors in powder coating facilities without dissolvent's and with a totally self-contained rinsing water system. No formaldehyde is used in any varnishing. The limits decided by authorities for emission to ground, water and air is shortened with a margin.

The varnishing components are:

- Saturated polyester
- Triglycidylisocyanurat (TGIC) 1- 10%
- CAS no. 245 1-62-9.
- Farosymbol Xn
- R-fraser R20/22-‘R36/37/38 R40-R43

All waste from the development process is taken care of by a contracted recycling company.

Operation and maintenance

The lift is driven by a screw/nut solution. The engine performance is 1,5 and is 2,2 kW.

The electrical and control system is built in the shaft which means that no separate machine room is needed.

The lift is automatically lubricated with chainsaw/chain oil. Waste oil in the factory is always delivered to an authorized recycling centre. This is also to compare with similar lifts that are available on the market where hydraulic oil is used that not is preferable according to environmental awareness. Our educated partners who install and maintain the lifts are handling oil the same way as Aritco.

All lamps and lights in the Aritco lifts are also of the latest LED – technique which means a minimum usage of electrical power.

Spare parts are reused as far as possible.

Material

The main part of the lift consists of metal details (shaft, platform etc.). These metal details are either coated with aluzink or are surface treated with polyester based powder varnish.

No material is based on cadmium, quicksilver or any other material where their combinations are included. No brominating flame retardants, PBB or PBDE are used.

Cables

When it is possible we are using cables without any halogen.

Carpet

In the platform there is a Holmsund carpet consisting of PVC / mineral filled PVC. The carpet is attached with water soluble dispersion glue.

Battery

The lifts emergency signal system is driven by a led battery type EnerPack F300. It is recyclable and fulfills the following norms and standards:

- Classified as a valve gear battery in SS 408 01 10.
- Eurohat classification: Standard Commercial.
- Non hazardous goods within air-, train- and road transports according to IATA.
- Over-discharging safe according to DIN 43539 part 5.
- VDE 05 10 part 2 and 7 and NF-C 15-100 valid for installation of F300.
- DIN 43534 (dimensioning).

Packing



Packing material consists mainly of wooden boards and corrugated cardboard, varnished products are protected by polythene foil and shims made by cellular plastic.

The packaging is held together by steel bands.

The lifts are loaded on long and EU-stools. These loading stools fulfill the requirements in accordance with the ISPM 15 standard from the Swedish authority Jordbruksverket. This means that all loading stools can be used all over the world.

According to the regulation the packing wood material shall be marked according to a template. All used packing wood material shall circulate freely within international trade and be identified wherever in the world it ends up.

Transports



Certain transports to and from our suppliers are made with our own lorry. These transports are planned to have the shortest possible distance to have minimum impact on the environment.

At delivery the lifts are transported by car out to the end customer by a hired transport company. Our customers choose the transport company but Aritco always recommends the best environmental choice.

Environmental influence



The products are constructed to be used during a lot of years. This means that the period of usage is answering for the largest environmental influence during the products life cycle.

All included material is easy to identify and analysis show that more than 95 % of the products are recyclable.

Worn out products are apprehended, through our suppliers, by recycling companies for demounting, fractionation, material separation and finally goes back to material development.

Aritco Lift AB
Box 18
S-196 21 Kungsängen

Telephone: +46 (0) 8 120 401 00
Telefax: +46 (0) 8 120 401 99

E-mail: info@aritco.se
Webpage: www.aritco.com