

# Air Hoists

Lifting Equipment Ltd



## 250Kg & 500Kg Airhoist

Light weight (Aluminium housing) pneumatic hoists suitable for application where duty is onerous. The component design improves handling whilst maintaining high performance.

### The Tool Handling Hoist

Rated Capacity 140Kg

An ideal workbench hoist, lightweight and portable (self weight less than 10Kg) it has a maximum height of 2 Metres and operates a 100% duty cycle.

**Smooth Operation** - Efficient rotary vane motor provides high uniform torque for quick response and smooth quiet operation.

**Easy To Use** - Handle-mounted pendant control for one-handed operation and load positioning.

**Variable Speeds** - Precise and variable speed control for accurate load positioning.

**Wire Rope Design** - Self-winding galvanised lifting cable stores conveniently inside unit.

**Suspension** - Swivel top and bottom hooks with safety catches standard for portability and quick installation.

**Disc Brake** - Secures load and eliminates drift when pendant is released.

**Note** - An air fitter-regulator-lubricator is recommended for optimum operation



## 500Kg & 980Kg Airhoist

The speed of the TCS Hoist can be changed by adjusting a valve on the outside of the hoist. The new polycarbonate pendant gives superb control even at low speeds. Comes complete with a plastic chain called 5 meter H.O.L

### Features

- Aluminium housing
- Variable speed
- Internal silencing
- Carbon steel swivel hooks with safety catches
- Load chain of European manufacture (DIN5684)



- Toku rotary vane motor.
- Robust epicyclic gearbox (grease filled and sealed)
- Choice of pull cord or pendant control
- Mechanical, paddle action upper and lower limit switches

A comprehensive range of pneumatic hoists suitable for both marine and industrial environments. They are particularly suited to environments where there is a risk of explosion due to inflammable gases or where duty is onerous.

#### **Options Available -**

Spark resistant (atex CAT2 certified zone!) marine specification - plated chain, marine paint corrosion resistant - special paint systems, stainless steel chain & hooks. Chain collectors (P.V.C, galvanised or stainless steel) choice of pendant types.

#### **Capacities available -**

250Kg - 500Kg - 1000Kg - 2000Kg - 3000Kg - 6000Kg

#### **Features**

- Variable speed
- Internal Silencing
- Carbon steel swivel hooks with safety latches
- Load chain of european manufacture (DIN5684)
- Automatic adjustable load limiter
- Toku rotary vane motor.
- Robust epicyclic gearbox (grease filled and sealed)
- Choice of pullcord or pendant control
- Mechanical, paddle action upper and lower limit switches



TCR3000 3 Ton  
Pullcord Operation



TCR1000 1 Ton  
Pullcord Operation



TCR6000 / 6 Ton  
Pullcord Operation



TCR1000 / 1 Ton

## **Large Capacity Airhoists**

TNC TCR 9000Kg up to 75000Kg

Options spark resistant (ATEX CAT 2 CENELEC ZONE 1) marine specification - plated chain, marine paint corrosion resistant - special paint systems, stainless steel chain hooks.

Chain collectors (Galvanised or stainless steel) choice of pendant types.

### Features

- Toku Rotary Vane Motor
- Robust epicyclic gearbox
- Choice of pullcord or pendant operation
- Mechanical, paddle action upper and lower limit switches
- Cast steel housing
- Variable speed
- Internal silencing
- Carbon steel swivel hooks with latches
- Load chain of european manufacture (DIN5684)
- Automatic adjustable load limiter
- 9 Tonnes to 75 Tonnes



### Spark Resistant Hoists & Trolley's

Spark proof versions of all 'compact' and 'large capacity' air hoists together with their entire range of air hoist trolley's are available.

In production and storage operations, inflammable gases, vapours and mist combines with air may form an explosive atmosphere.

Such gases and vapours are classified under european legislation.

Our spark proof hoist are suitable for use in atex cat 2 and CENELEC ZONE 1 & 2 classified areas.

They are used extensively in the offshore, onshore, petrochemical, mining, chemical and pharmaceutical industries.

**Options** - Copper plated sprockets  
Marine Paint  
Stainless steel hooks  
Nickel plated hooks for food industry

**Features** - Hoists  
Steel Bodied



Bronze Coated Hooks  
Stainless Steel or INOX steel chain  
Spark resistant pendant control

**Features - Trolleys**  
Heat duty rubber collision bumpers  
Bronze wheels

**CALL US FOR MORE INFORMATION**

**01384 76961**