

## Mobile Lifting Columns for forklifts

### Dendro LB7T

**Specially designed for lifting most types of forklifts**

#### **Mobile Lifting Columns from an experienced manufacturer**

Dendro Lift is a Swedish company that has manufactured reliable and rugged mobile lifting jacks since the 1970s. Our lifting jacks are manufactured with a self-locking, non-reversing lifting spindle nut for a long life span, combined with very high security at the right price.



#### **Usage**

- Forklifts workshops
- Logistics centres
- Large warehouses
- Heavy industries
- Large manufacturing facilities

#### **Complementary Dendro products**

- Adapters for different wheel dimensions
- 4-pillarlifts and Service lifts for 6 - 64 ton
- Lifting Columns for up to 35 ton per column
- Extra high heavy duty jack stands for 6 - 25 ton.
- Tailor made heavy lifting solutions

#### **Dendro LB7T is specially designed for lifting most types of forklifts**

The LB7T for forklifts is specially designed for forklift service. This means they have an extra-wide and stable platform that is specially designed to be inserted under a vehicle with low ground clearance. The Mobile Column Lifts are designed to lift either with four lifting columns, one for each wheel, or to lift with two lifts located on each side or front and back of the forklift.

#### **Manoeuvrable and flexible**

Dendro LB7T is very flexible and can be stored away on only about 1 m<sup>2</sup> / each. They are transported as easily as a small pallet lifter so they can quickly be brought out for usage and easily be rolled to the side for storage. The Lifting Columns have transport wheels that automatically folds away when in use, no additional step is therefore needed to secure the lifting jack.

#### **Easy to use and provides a comfortable and safe working position**

Our Mobile Lifting Columns provide comfortable position for working underneath the vehicle. With our special designed jack stands in place extra safety is provided.

### Synchronized lifting with multiple Mobile Lifting Columns

You can use the Mobile Lifting Columns individually, in pairs or four simultaneously.

Synchronization occurs automatically, which means that all the Mobile Lifting Columns always lifts horizontally regardless of weight distribution of the vehicle. The control unit is centrally located so that all connected columns are controlled from one place.

### Adaptable to your needs

There is a large variety of ready-made adapters available to suit all kinds of different lifting needs. We can also quickly produce unique special designed adapters if it's requested.

### Safety – Our number one concern

Safe and reliable operation has been the guiding principle in the development of Dendro LB7T.

Therefore, the lifting columns are all equipped with the following safety equipment:

- Easily accessible emergency stop on each jack.
- Self-locking, non-reversing lifting spindle nut with safety follower nut.
- Enclosed gearbox with brake motor – prevents lowering of the load i.e. double security.
- Lifting / lowering movement synchronized by a central PLC.
- Main contactor, which cuts the power to all lifting jacks in case of synchronization error.
- Safety limit switches for nut wear – stops the lift in case of too excessive nut wear.
- Safety limit switches checks for obstacles beneath when the lift is lowered.
- Safety limit switches for both maximum and minimum height.
- The lifting carriage is guided within the lift column by means of wheel flanged rollers.

### Service and spare parts

Our heavy-duty lifting jacks provides a very long life span in itself and in combination with our efficient spare parts supply; we ensure long and trouble-free operation for many years to come.

### Technical data

- Capacity: 7 tons
- Effective lifting height: 2000 mm
- Lifting / lowering speed: 0.9 m / min
- Engine power: 3.0 KW, 3 x 400 V.
- Total height: approx. 2.5 meters
- Total weight: approx. 500 kg / pc.
- Powered by a Helical bevel geared motors with brake
- Lifting Screw: Trapezoidal-threaded screws and nuts as well as safety nuts provides additional safety. The mechanism is protected by a rubber curtain.
- The operation is controlled with a separate remote control handle
- Synchronization is provided through a PLC. Paired, individual and group operation is controlled from one location.



*Dendro LB7T – for low ground clearance*