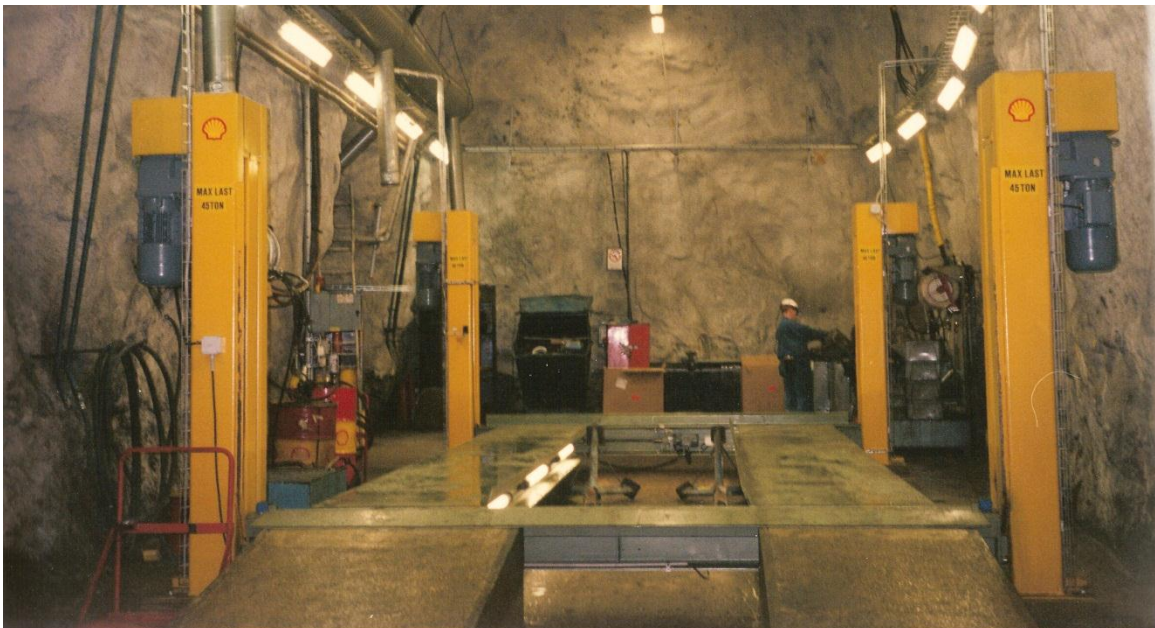


## Four Post Lifts / Service Lifts

The flexible solution for both long and heavy vehicles

### Dendro heavy duty Four Post Lifts for lifting 6 to 64 tons

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



#### Usage

- Bus and truck workshops
- Locomotive and wagon workshops
- Heavy machinery workshops
- Forklift workshops
- Industrial lifts

#### Available add-ons

- Built in light system
- Standing platforms along the driveways
- Free wheel lift
- Customized lifting devices
- Drive on ramps on both sides

### Robust and Versatile

The driveways of Dendro's four posts lift are both strong and low making it useful for all kinds of vehicles, including forklifts with limited ground clearance. One of the driveways can also easily be moved sideways to suit vehicles with different wide tracks. If necessary an additional support driveway can also be added to accommodate three wheeled vehicles. By its flexible design the Four Posts Lift is the ideal solution for everything from short and heavy compact built forklifts to long trucks. In tandem design it can handle vehicles up to 24 meters long weighting 64 tons.

### Flexible

Both the length and width of the driveways, and the distance between the posts, is customizable to suit specific requirements. In standard configuration the lift has drive-on ramps on one, but is also possible to have it equipped with ramps on both sides.

### Add-ons

We offer a number of useful add-ons to the four post lifts such as; built-in water proof light system, climbing ladder and standing platforms along the driveways. The driveways come prepared for adding a free wheel lift.

### Safety – Our number one concern

Safe and reliable operation has been the guiding principle in the development of Dendro Four Post Lift. Therefore, the lift is equipped with the following safety equipment:

- Easily accessible emergency stop on each post.
- 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 four posts 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 post by means of wheel flanged rollers.

### Service and spare parts

Our heavy-duty Four Posts Lift provides a very long life span in itself and in combination with our highly developed service organization and spare parts supply; we ensure long and trouble-free operation for many years to come.

Technical Data	
Lifting capacity	6 - 32 ton
Distance between posts	A 2 400 – 4 000
Driveways length	B 3 000 – 11 000
Minimum height	C 225 - 400
Driveways with	D 530 - 800
Driveways adjustability	E 400 – 1 500
Total width	F 2 920 – 4 520
Total length	G B + 1 800
<i>All measurements in millimetre</i>	
	<ul style="list-style-type: none"> <li>- Effective lifting height: 1700 mm</li> <li>- Lifting / lowering speed: 900 mm / min</li> <li>- Engine power: 4 x 3,0 KW 3 x 400 V.</li> <li>- Total height: 2 450 mm</li> <li>- Powered by a Helical bevel geared motors with brake on each post</li> <li>- Lifting Screw: Trapezoidal-threaded screws and nuts as well as safety nuts provides additional safety. The mechanism is protected by a rubber curtain.</li> <li>- The operation is controlled with a separate remote control handle</li> <li>- Synchronization is provided through a PLC. Paired, individual and group operation is controlled from one location.</li> <li>- Two four posts lifts can be connected and synchronized in a tandem solution.</li> </ul>

