

## Dendro LB20G – A lift for big vehicles

### Flexible maintenance for vehicles with very big wheels

*Dendro Lift is a Swedish company which has been manufacturing reliable and robust mobile lifting jacks since the 1970's. Our lifting jacks are built with a self-locking, non-reversing lifting spindle for a long-life span, combining the highest safety with the right price.*

#### Easy to serve mining vehicles



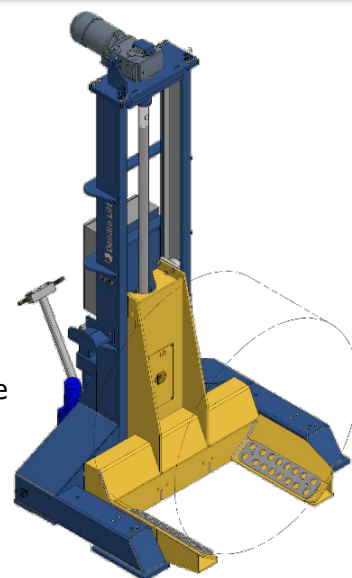
*Sandvik LH517 lifted for easy access*

#### Areas of use

- Mines
- Maintenance workshops

#### Complementary products

- Customized jack stands for all weights
- Customized lifting devices
- Adapters for different wheels



#### Robust and sturdy yet agile and flexible

LB20G have a sturdy construction and is equipped with a drive unit to enable easy movement on the floor. This means that the jack is easy to move into the right position, despite of its size. The jacks have spring-loaded wheels which automatically retract when lifting. Thus, no further action is needed to secure them before lifting the vehicle.

#### Easy to use lifting jacks for a convenient working position

The lifting jacks provides an ergonomic working position when working with the undercarriage of the vehicle. Lifting is done with a separate remote-control handle, giving the operator good overview during the whole movement. A built-in laser pointer makes it easy to position the lifts to the center of the wheels.



*Inspection of a mining vehicle 1225 m underground in a mine*

## Synchronized lifting with many lifting jacks

It is possible to use the jacks in single mode, in pairs or all four simultaneously. Automatic synchronization means that all jacks lift horizontally regardless of weight distribution of the vehicle. The central control unit is placed on one of the jacks, providing a complete and flexible solution.

## Customizable

A variety of adapters for the lifts are available. A wireless remote-control unit is possible as an option. Developing additional unique adapters is a quick and easy process if the need would arise.



## Customer adaption

- These lifts are always manufactured according to customer specifications, meaning that virtually all parameters, like lifting capacity and wheel diameter, are adjustable for specific needs.

## Easy to install

The lifts are delivered ready to use. Just position them correctly, connect the cables, and start lifting.

## Safety first

Safe and reliable operation has been the guiding principle in the development of Dendro LB20G. Therefore, the lifting columns are all equipped with the following safety equipment:

- Easily accessible emergency stops 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.
- 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.
- The equipment is CE certified according to EN 1493:2010.

## Service and spare parts

Our heavy-duty lifting jacks require minimal maintenance and has very long-life span 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 LB20G

Lifting capacity	80,000 kg (20,000 kg / lift)
Max lifting height	1 800 mm
Total height	4 525 mm
Total width	2 290 mm
Weight	3 100 kg
Lift engine	7,5 kW 400V
Drive unit	0,37 kW 400V
Raise/lower speed	360 mm/minute
Wheel diameter	2 037 mm (for Sandvik LH517 & LH621)
Lifting screw	Trapezoidal threaded spindle with safety nut protected by a rubber bellow
Interface	Separate remote control unit

