

HYWEMA[®]

LIFTING EQUIPMENT



Mobile Lifting Jacks Type FL/VN

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A Array of 4 x 40,000 kg Lifting Jacks

- Manually on auxiliary rails or with replaceable wheels even maneuverable on the hall floor
- Automatic lowering on the base plate under load
- Total lifting capacity 160,000 kg

B Array of 4 x 12,500 kg Lifting Jacks

- Stationary type for the same truck types
- Freely variable cable connections with plugs
- Total lifting capacity 50,000 kg

C Array of 4 x 15,000 kg Lifting Jacks

- Travelling type with manually operated swivelling bogies
- Lifting lug rotatable through 180° with adapters for various vehicles
- Total lifting capacity 60,000 kg

D Array of 4 x 6,000 kg Lifting Jacks

- Combined stationary & travelling types for "lightweight" vehicles
- Centralised control on one lifting jack
- Total lifting capacity 24,000 kg

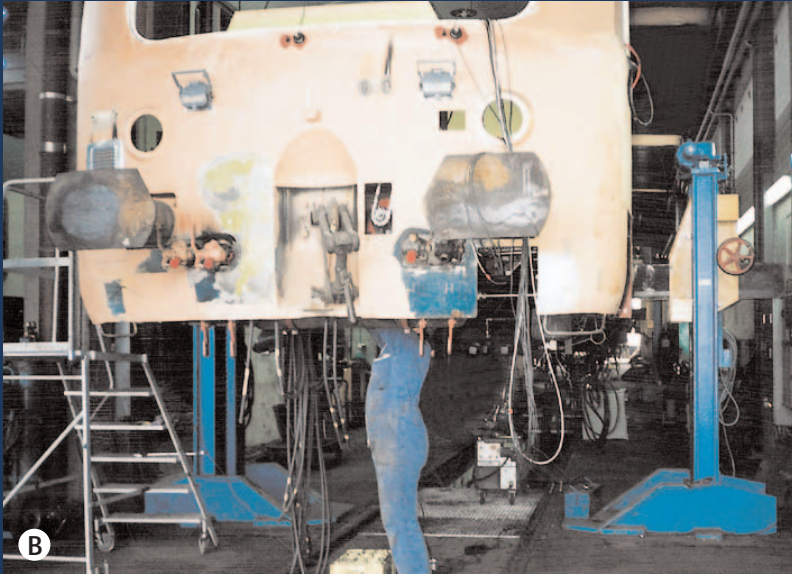


E Array of 4 x 10,000 kg Lifting Jacks

- 2 jacks with electrical driven rail chassis and with cable reel
- 2 jacks manually maneuverable on the hall floor but also hydraulically lowerable
- 2 lifting- / loweringspeed 225/450 mm/min. by frequency converter (option)

F Array of 4 x 25,000 kg Lifting Jacks

- Freely mobile type for use anywhere in the workshop
- Extra large lifting stroke for easy access under vehicles
- Total lifting capacity 100,000 kg



B



D



F

Fields of application

Modern Lifting Jacks of Type FL/VN allow all necessary maintenance and repair work, such as the fitting and removal of bogies and wheel sets, maintenance and service work, repairs to brake equipment and work on the superstructure or extensive welding work to be carried out with ease.

Application benefits

The idea of using clearly defined work stands is achieved by the use of base positions that are either stationary or of the travelling type. In order to lift the vehicle, the lifting lug is simply extended to locate in the vehicle's jacking points.

Construction

Well-designed, welded construction each with a rated load capacity from 5,000 kg to 60,000 kg per jack. All components are designed for long service lifetimes and reliability in day-to-day work and under demanding working conditions.

System benefits

- Protection against spray water
- Quality PUR 2-component paintwork
- PLC controller with interactive operator guidance
- All-round protection for the spindle thanks to special bellows
- Electrically monitored system of nuts
- Self-locking spindle system makes the additional blocking or locking features found on other systems unnecessary

Options

- Power supply from floor level or overhead
- Dynamic load monitoring as an aid to setting up on each jack
- Individual adapters and interchangeable lifting lugs for different vehicles
- Sprung or hydraulically mounted bogies with adjustable swivelling levers to change the direction
- Rail-mounted or completely mobile
- Complete control console either attached permanently to one jack or as a mobile unit
- Movable under load to allow the body box to be positioned in the bogie

Accessories

- Support stands Type AV/FL
- Cross-beams Type TRS
- Assembly work platforms Type MTB
- Substructure fitting car Type MHB
- Bogie-turning device Type DWV
- Wheel set turning device Type RWV
- Swivelling platforms Type DPF

Mobile Lifting Jacks Type FL/VN



G Array of 8 x 25,000 kg lifting jacks

- 4 jacks manually maneuverable on supporting rails
- 4 jacks electromotive maneuverable on auxiliary rails
- with control console for 4 lifts and 8 lifts for operating with 8 lifts (1 set) or with 2 x 4 lifts (2 sets) at the same time

H Array of 8 x 16,000 kg Lifting Jacks

- control of the maximum load-bearing capacity set up operation
- overload protection by integrated pressure cells
- 90° Floor chassis

I Array of 8 x 6,000 kg Lifting Jacks

- very large effective stroke of 2.200 mm
- with control console for 4 lifts and and 8 lifts for operating with 8 lifts (1 set) or with 2 x 4 lifts (2 sets) at the same time

Main picture

Array of 10 x 16,000 kg Lifting Jacks

- lifting by single- or double bracket
- effective stroke 2.500 mm
- load detection with single display