

Heavy Vehicle Jacking Systems

HJB12 - 12 Tonne Jacking Beam

HJB20 - 20 Tonne Jacking Beam

HEJ - HH Model

HEJ - PH Model

HEJ - LM Optimum Model

HEJ - Eurolift Floor Jack

RTA Pit Lifters GL- 810/815/820

The Hartex Jacking Beams are made for Trucks and Buses and other heavy vehicles. The Hartex jacking beam is shipped ready for use. No configuration or assembly is required and it comes with the following features:

- Air operated twin ram (Total 8 to 12 tonne capacity),
- Ram operation in pairs or individually, positive mechanical safety lock on both rams,
- 4 sets of slip on ram heads supplied as standard to jack axles, diffs, chassis, ISO9002 approved.

There are also some extra benefits of the features in this jacking beam:

- Twin ram operation with greater operational stability
- Efficiency and safety is achieved as the rams slide transversely, making precise positioning under the vehicle possible. They can also be used independently or in tandem, allowing one or both sides of the vehicle to be lifted.

- Pumps can be either air powered or manually operated
- Air gives easy and rapid lift; manual lift gives easy double action pumping.
- Positive mechanical safety locks on all rams. This greatly enhances operator safety especially against accidental lowering with newly introduced load bearing supports and spring loaded rollers means smooth, easy and safe movement along the pit. (All accessories supplied as standard)
- The beam is supplied complete with a full set of slip-on ram heads to assist in jacking axles, diffs and chassis
- Control valves as standard, have precise lowering for optimum safety and working conditions
- Pressure relief valve automatically prevents overloading and the sliding frame design allows for servicing of vehicles with different tracks to be accommodated on the same lift

Feature

Benefit

Twin ram operation

Greater operational stability, efficiency and safety. The rams slide transversely, making precise positioning under the vehicle possible, AND they can be used independently or in tandem, allowing one or both sides of the vehicle to be lifted

Pumps can be either air powered or manually operated

Air gives easy and rapid lift; manual gives easy double action pumping

Positive mechanical safety lock on all rams

Greatly enhanced operator safety especially against accidental lowering

Newly introduced, load bearings supports and spring loaded rollers

Smooth, easy and safe movement along the pit

Accessories supplied as standard

Benefit beam is supplied complete with a full set of slip-on ram heads to assist in jacking axles, diffs and chassis, etc.

Control valves as standard

Precise lowering for optimum safety and working conditions

Pressure relief valve

Automatically prevents overloading

Sliding frame design

Allow servicing of vehicles with different tracks to be accommodated on the same lift

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Jacking Beams - PH/HH/LM Optimum

The name ELEPHANT stands for solid and perfected Suspended Pit Lifts. This type of pit jack is a newly developed series. Not just optically, the new Elephant series is distinguishable from its predecessor. It is the number of new technical innovations that makes the ELEPHANT one of the most modern suspended lifts today.

Optional Features can include:

- Slimline design - the consistent duo-construction saves space and makes more free space along the length of the pit.
- Covered controls - effective protection against impact, which prevents possible injuries to the user. The equipment is also protected against external influences.
- Both the piston rod and the pump piston are hard chrome plated for protection against corrosion and wear.
- DTS technology (Dual Tank System) - enables the complete oiling of the cylinder. A special process prevents the development of rust at the inner wall of the cylinder.
- Hydropneumatic quick lift - the hydropneumatic quick lift rapidly moves the piston rod to the lifting point.
- Pneumatic motor for heavy lifting - the load stroke of the pneumatic motor enables the load to be lifted at the push of a button – without any physical effort.



- Pneumatic forced return - the hydropneumatic forced return rapidly retracts the piston even when not under load. Unlike conventional pit-jacks, the piston is effectively "pulled" back into its rest position.
- Stepless fine adjustment stroke - the stepless fine adjustment stroke permits the pit jack to be positioned accurately to the vehicle. Important for responsive lifting and when raising assemblies into position.
- Detachable double pump - the simple, compact design simplifies regular maintenance work.
- Rollers with roller bearings in the chassis and cross-trolley allow extremely light movement.
- Load-depressing safety crosstrolley - the movement facility under load is disabled from a load of approx. 800 kg. A particularly flat design is also achieved.



HH Model

The manually operated hydraulic basic version with a double pump for quick and load lifting.

PH Model

More convenience due to pneumatic quick lifting and pneumatic forced return.

LM Optimum

Work place ergonomics by additional pneumatic motor to lift the load at the push of a button.

Features:

Slimline design	The consistent duo-construction saves space and makes more free space along the length of the pit
Covered control	Effective protection against impact, which prevents possible injuries to the user. The equipment is also protected against external influences
Lifting and pump piston	Both the piston rod and the pump piston are hard chrome plated for hard chrome plated protection against corrosion and wear
DTS (Dual Tank System)	Complete oiling of the cylinder, this special process prevents the development of rust at the inner wall of the cylinder
Hydropneumatic quick lift	The hydropneumatic quick lift rapidly moves the piston rod to the lifting point
Pneumatic motor	The load stroke of the pneumatic motor enables the load to be lifted at heavy lifting the push of a button, without any physical effort
Pneumatic forced return	The hydropneumatic forced return rapidly retracts the piston even when not under load. Unlike conventional pit jacks, the piston is effectively "pulled" back into its rest position
Stepless fine adjustment	The stepless fine adjustment stroke permits the pit jacks to be positioned stroke accurately to the vehicle. Important for responsive lifting and when raising assemblies into position
Detachable double pump	The simple, compact design simplifies regular maintenance work.
Roller with roller bearings	In the chassis and cross-trolley allow extremely light movement.
Load depressing safety	The movement facility under load is disabled from a load of approx 800kg.
Cross-trolley	A particularly flat design is also achieved.

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Hartex Pit Jacks



Workshop Pits



RTA Pits



Vehicle Hoists

HEJ - Eurolift Floor Jack

The Eurolift floor jack comes with many optional features such as a chrome plated piston rod and pump, DTS technology, Hydro-pneumatic quick lift and Load-lowering safety chassis.



PH Model

More convenience due to pneumatic quick lifting and pneumatic forced return.

LM Optimum

work place ergonomoy by additional pneumatic motor to lift the load at the push of a button.

TLM Model

LM technology intelescopic design. Even flatter, even higher performance.



Your Local Distributor

RTA Hydraulic Pit Lifters GL- 810/815/820

This type of lift is manufactured in 3 different sizes. All types are characterised by high quality, reliability of service and low air consumption. With a hard chromium plated and polished lifting piston, our Hydraulic Pit Lifters can be obtained with piston extensions for lifts up to 900mm.

The air driven hydraulic pump (the LHP100) gives a high quality performance and reliabilty of service. The double-acting design creates high efficiency and ensures low air consumption.



Travelling Carriages

Hand Valve

With 3 modes of operation: Neutral, fast moving and lifting mode. When released the valve automatically returns to neutral mode (Dead man's handle) and the lifter is locked in exiting height mode

Safety valve

(8 bar) prevents overloading.

Technical Data:

	GL810	GL815	GL820
Capacity at 8 bar:	10T	15T	20T
Minimum height above floor:	100mm	100mm	10mm
Hoisting motion:	500mm	500mm	500mm
Lifting time:	apx 30sec	apx 40sec	apx 50 sec