



Four Post Vehicle Lifts  
Technology in Action

**boston**  
GARAGE EQUIPMENT

# The Boston Four Post Vehicle Lift Range - B441 & B461



## Boston Four Post Lift Features

- ① Safety ladder-racks on all posts
- ② Protective pulley dust covers
- ③ Reinforced drive-up or drive-over ramps
- ④ Heavy duty, high quality platforms
- ⑤ LED lighting kit (optional)
- ⑥ APC (Any Post Control) operable from all posts (optional)
- ⑦ Optional hydraulic wheel play detectors
- ⑧ Hydraulic / pneumatic outlet for jacking beam on front cross beam
- ⑨ Recessed stainless steel turning plates with nylon guides
- ⑩ Sturdy end stops or optional drive-through
- ⑪ Membrane keypad control panel

Developed from over 25 years of vehicle lift manufacturing, Boston's B441 and B461 are fine examples of leading four post lift technology and probably the most advanced available in Europe.

Designed with flexibility in mind, Boston lifts come as standard with platform recesses to accommodate both our integrated PD303 hydraulic play detectors and stainless radius turning plates. These can be supplied pre-fitted from manufacture or easily added at any time in the future.

With platform lengths from 4.65m to 6.10m, all with broad 630mm width and reinforced substructure, they are the obvious choice for vehicle testing bays, commercial workshops and day-to-day service work. Using our unique APC (Any Post Control), all versions can be operated from any post for ease of use and saving time; ideal for busy MoT stations. There are also 24V outlet sockets at each corner for inspection lamps and an airline socket on the front crossbeam for air-operated jacking beams.

All models are designed in-house with steelwork and component assembly handled in Europe exclusively. Our high-tech control systems (electronics and hydraulics) are manufactured by Boston in the UK using our own versatile PLC logic controllers and wipe-clean membrane keypads. Every system is tested thoroughly before leaving the assembly line to ensure correct operation prior to installation.

Stainless steel radius turning plates, adjustable working height switches and a rugged military feel hand held torch control are just a few further features of our unique four post lifts. Indeed, every detail has been carefully evaluated and specifically designed to produce a robust, attractive and reliable product which is sure to impress and stand the test of time.



## Boston in-house technology in action

### Turning Plates

Our turning plates are made from hard-wearing stainless steel and use steel bearings in a nylon carrier for smooth movement. Each plate can be fixed in place with a location pin and the whole assembly is mounted to the lift platform on sturdy nylon guides. This prevents any metal-on-metal contact, avoiding scratches or damage to the paint on the platforms. The turning plates can also be fitted to a mounting cartridge allowing simple installation into inspection pits.

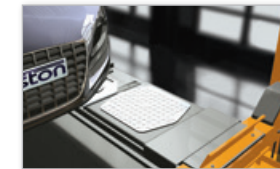
### APC (Any Post Control)

Most lifts allow operation from just one post, not ours. Boston four post lifts can be operated from any corner by simply connecting our APC to the socket in the platform. The APC is a secondary control keypad housed inside a ruggedized magnetic enclosure. All lifts are supplied as standard with APC functionality, so it can easily be fitted

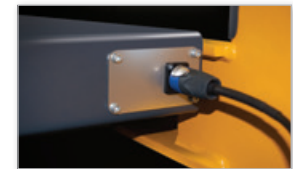
during installation or any time later. Simply connect the cable to the platform socket and position the panel on the post - it's that simple! A great time saving feature and ideal for MoT testing.

### Play Detectors

The B441 and B461 are supplied as standard with recesses to fit our PD303 hydraulic play detectors. They can be pre-fitted at manufacture or retro-fitted at a later date. The PD303 consists of two separate plates, one for lateral movement and the other for rotation. Between them, faulty steering and suspension components can easily be identified. PD303 can be operated using the standard BTC2 torch control or with the BTC2W rechargeable wireless control. In case the torch control becomes damaged or lost, there are backup controls on the lift keypad to ensure the PD303 always remains operational.



PD303 Hydraulic Play Detector



APC Connection Socket



APC Magnetic Control Keypad



Main Membrane Control Keypad



Recessed Stainless Turning Plates



High Quality Durable Components

# Boston Four Post Vehicle Lift Range - B441



## Boston B441-465

 Class 4, 4 tonne, 4.65m Platforms

Built with reliability, longevity and performance in mind, the B441-465 is our best selling vehicle lift from our latest Class 4 range. Designed in-house by Boston and manufactured in Europe, the B441-465 boasts 4.65m platforms and various options including any post control.

Operation	Hydraulic
Control	Membrane keypad
Play detectors	Optional
Turning plates	Optional
Any Post Control ( APC )	Optional
Drive on ramps / plates	Standard
Platform width	630mm
Auto locking on each post	Standard
Air outlets	Standard
Platform length	4.65m
Lifting height	1.86m
Height, length & width	2370mm / 5880mm / 3185mm

## Boston B441-560

 Classes 4 & 7, 4 tonne, 5.60m Platforms

With 5.6m platform lengths the B441-560 is well equipped to deal with the ever growing range of vehicles on the road today. Approved for both class 4 and 7 testing, the B441-560 is the ideal solution for workshops wishing to increase their testing revenue.

Operation	Hydraulic
Control	Membrane keypad
Play detectors	Optional
Turning plates	Optional
Any Post Control ( APC )	Optional
Drive on ramps / plates	Standard
Platform width	630mm
Auto locking on each post	Standard
Air outlets	Standard
Platform length	5.60m
Lifting height	1.86m
Height, length & width	2370mm / 6830mm / 3185mm

# Boston Four Post Vehicle Lift Range - B461



## Boston B461-575

Classes 4, 5L & 7, 6 tonne, 5.75m Platforms

The B461-575 is our new 'heavy duty' four post, six tonne Class 5L and 7 MoT vehicle lift. It has a platform length of 5.75 metres and can be surface or recess mounted depending on customer requirements or bay layouts.

Operation	Hydraulic
Control	Membrane keypad
Play detectors	Optional
Turning plates	Optional
Any Post Control ( APC )	Optional
Drive on ramps / plates	Standard
Platform width	630mm
Auto locking on each post	Standard
Air outlets	Standard
Platform length	5.75m
Lifting height	1.86m
Height, length & width	2380mm / 6985mm / 3480mm

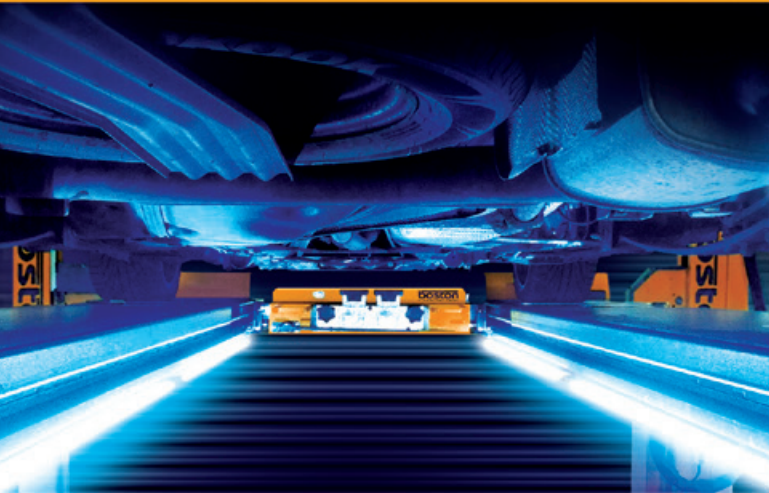
## Boston B461-610

Classes 4, 5L & 7, 6 tonne, 6.10m Platforms

The B461-610 has a platform length of 6.1 metres and is one of the longest MoT lifts in the market. It can be surface or recess mounted depending on customer requirements and is ideal for service work on commercial or long wheel base vehicles such as mobile homes or caravans.

Operation	Hydraulic
Control	Membrane keypad
Play detectors	Optional
Turning plates	Optional
Any Post Control ( APC )	Optional
Drive on ramps / plates	Standard
Platform width	630mm
Auto locking on each post	Standard
Air outlets	Standard
Platform length	6.10m
Lifting height	1.86m
Height, length & width	2380mm / 7335mm / 3480mm

# Innovations, enhancements and bespoke options



## Over 25 years of innovation and constant development

### Underside Lighting Kit

All lifts are supplied software ready to add our platform lighting kit at any time. The kit comprises four 2m LED strips recessed into a sturdy slim-line aluminium extrusion and sealed in oil and fuel resistant resin. Each strip is fitted to the platform inner edges at 35° and connected to the existing control system on the lift. The effect is spectacular and illuminates the entire underside of the vehicle. For legislative inspection, the lighting kit is a must! The lighting kit is also available in stand-alone format for other types of lifts or applications.

### Inspection Torch

Boston handheld torch controls are available in hardwired or wireless configurations and can operate our range of play detectors. They are robust and easy to use, and contain high brightness cluster LEDs for good visibility underside vehicle

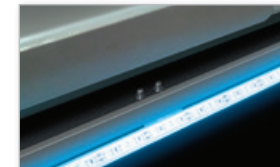
inspection. The wired controls have a 4.5m control cable with industrial latching connectors and the rechargeable wireless version uses the latest Zigbee technology with a range of 50m+! All versions have been specifically designed for heavy duty use in demanding automotive testing premises.

### OEM Supply and Customisation

Boston lifts are also available in neutral grey to satisfy OEM customers and other markets. All OEM enquiries are welcome and our full range of equipment can be supplied to meet any specification and corporate colour scheme. Should this additional service be of interest, please talk to us and we will endeavour to accommodate your requirements.

### Boston Four Post Lift, Features and Benefits

- UK manufactured electronic control system
- Any Post Control. Less walk, more work
- 630mm width, user-friendly platforms
- Integrated hydraulic play detectors
- Recessed stainless turning plates
- Multifunction membrane keypad
- Ruggedized torch controls
- Reinforced substructure



Underside Lighting Kit



Neutral Grey OEM Supply

Boston jacking beams are second to none. They make life easier and safer for thousands of garages and commercial workshops that demand reliability. With double extension top beams and a range of vehicle specific lifting adapters, a new standard for safety has arrived.

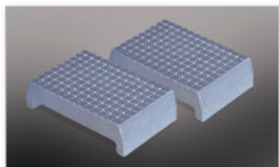
Our vehicle lift range covers several different load capacities, from 2.0 tonne to 6 tonne, and for commercial pits right up to 20 tonne. The BJB20 is our smallest lift-mounted model but has a hefty 2.0 tonne lifting capacity. Most commonly used in Class 4 testing stations, this jack has a double extending top beam for extra wide reach; ideal for the larger vehicles now common in the UK market. As an alternative, the BJB20D has the same lifting capacity but is neatly packed into a slim-line chassis for use on sports vehicles with lower suspension and ride height.

All beams are available with manual or pneumatic operation, together with a range of lifting accessories to ensure safe lifting whatever the load.

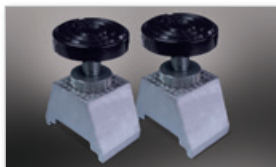


### Boston Jacking Beam Features

- ① Double extending top beam
- ② Adjustable height screw pad
- ③ Scissor action lifting mechanism
- ④ Adjustable mounting arm
- ⑤ Height extension storage tray
- ⑥ Wide low-profile chassis



Low Profile Lifting Blocks



Adjustable Height Raiser Blocks



Rubberised Lifting Pad



High Quality Finish



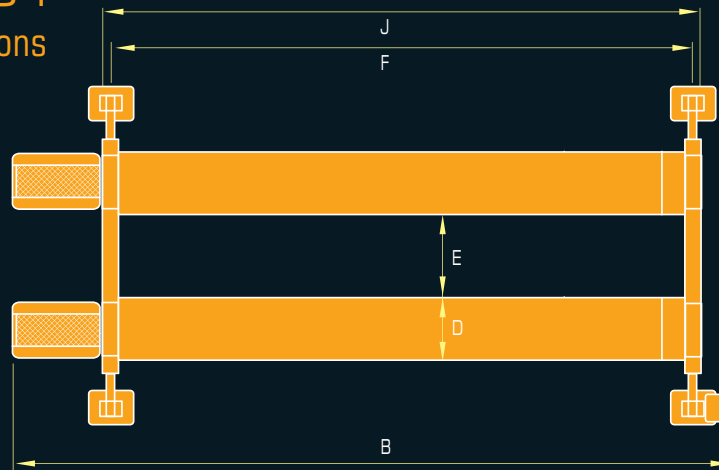
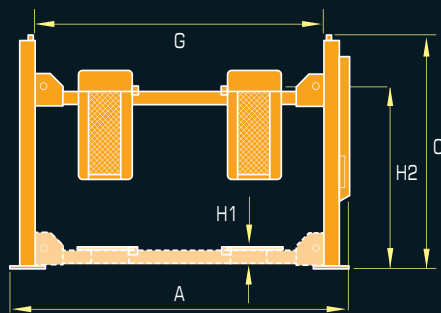
Load Capacity from 2.0 tonne



Manual or Pneumatic Operation



## Boston B441 / B461 Technical Specifications & Dimensions



	<b>B441-465</b>	<b>B441-560</b>	<b>B461-575</b>	<b>B461-610</b>
Capacity	4000kg	4000kg	6000kg	6000kg
<b>A</b>	3185	3185	3480	3480
<b>B</b>	5880	6830	6985	7335
<b>C</b>	2370	2370	2380	2380
<b>D</b>	630	630	630	630
<b>E</b>	800/860/900	800/860/900	860/900	860/900
<b>F</b>	4490	5440	5590	5940
<b>G</b>	2706	2706	2968	2968
<b>H1</b>	170	170	205	205
<b>H2</b>	1900	1900	1860	1860
<b>J</b>	4650	5600	5750	6100



Drawings not to scale. All dimensions in mm.

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