

B461

FOUR POST LIFT

TECHNICAL SPECIFICATION

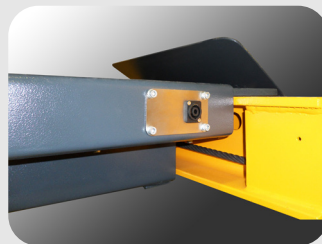
The new Boston B461 is sure to impress. With almost two years in development, every aspect has been carefully evaluated and designed to produce the most sturdy and feature-packed lift in the market today.

The B461 should be the first choice lift for Class 5L/7 MoT testing stations and commercial vehicle workshops. Its large 6T load capacity and sturdy design exude quality and strength, whilst the new modern hi-tech control system provides slick, ease of use for the operator. With 6.1m length platforms (5.75m optional), it is one of the longest MoT lifts in the market. It comes as standard with the flexibility of adding our unique APC (Any Post Control) system allowing the operator to connect a small auxiliary keypad to any other post in addition to the main control keypad. Recessed radius turning plates and integrated hydraulic play detectors (controlled by remote torch and main control panel) can also be fitted during installation or added at any point in the future to meet the One Man Testing regulations as specified by VOSA.

Control System

The B461 Control System is unique in many respects. It is designed and manufactured entirely by Boston in the UK and contains features not found on other lifts. See below.-

- Membrane Keypad Control Panel - modern and attractive with LED indications
- PLC controlled and reprogrammable for future software upgrades
- Optional APC (Any Post Control) - a secondary control panel that can be easily connected to any other post
- Optional PD303 hydraulic play detectors fitted to both platforms
- Optional remote control torch to operate both the lift and PD303 play detectors *
- Optional control of motor-powered jacking beam *
- Optional under-vehicle lighting kit *
- One-touch-up operation - the operator simply sets the preferred working height switch *



* - features built into software but awaiting approval prior to activation



for any further information or advice,
please contact our sales team.
time is never an issue - customer service is.

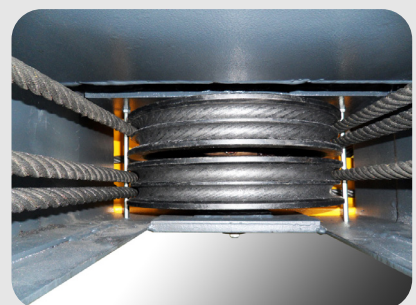
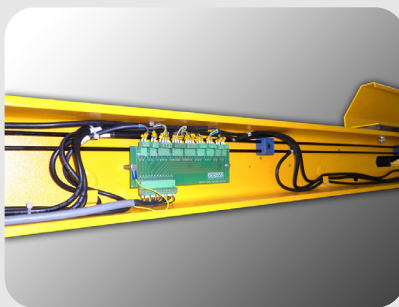
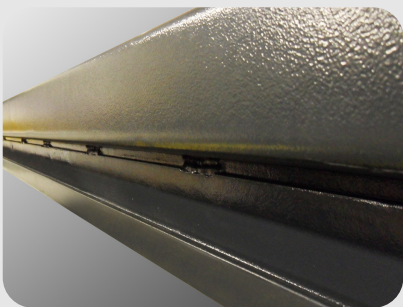
0800 085 0620
www.boston-ge.com sales@boston-ge.com

Lift Construction

The lift construction is sturdy and strong, incorporating large 160mm I-Beam load carrying crossbeams with similar design platform structure. Each crossbeam is fitted with heavy duty pulley's and high quality electric solenoid locks to ensure safe and reliable operation. In the event of any cable failure the rope slack detection switches are activated and the eccentric safety locking mechanism engages to ensure the lift cannot fall more than 10mm!

Each platform contains a reinforced recess area which can be fitted with play detectors and turning plates, but similarly there are blanking plates available for non-MoT service applications. At each end of the platforms, there are IP66 rated electrical connections that enable the fitment of the APC (Any Post Control) secondary keypads. The APC keypad will allow full control of the lift from whichever corner it is fitted to, an excellent time-saving feature, especially when working at the opposite side to the main controls. If the APC is not fitted, the sockets can also be used as standard 24VDC supply sockets for Boston's standard inspection lamps.

Paintwork on all parts of the lift has had careful attention utilising the latest in polymer polyesters to provide the highest quality durable finish.

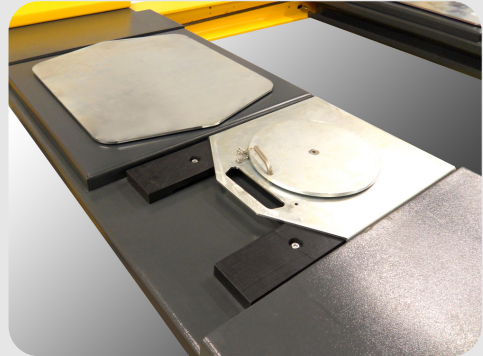
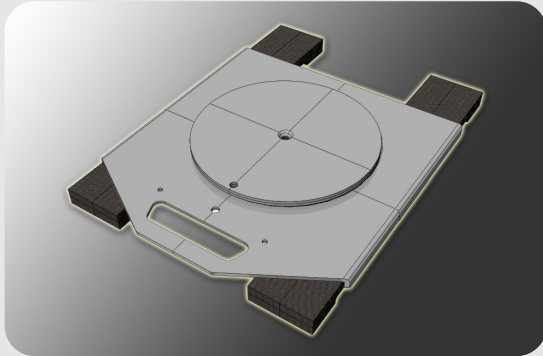


for any further information or advice,
please contact our sales team.
time is never an issue - customer service is.

0800 085 0620
www.boston-ge.com sales@boston-ge.com

Turning Plates

The B461 accommodates our new turning plates BRTP2. These plates have been developed specifically for the B461 and slide on nylon runners thus avoiding metal on metal contact with the lift platform. This ensures reliability and prevents paint scratching and eventual rust formation. Furthermore, the turning plates are heavily plated to prevent corrosion and utilise steel bearings to ensure smooth reliable operation under heavy loading.



PD303 Play Detectors

The PD303 wheel play detectors have also been developed specifically for the B461. The system consists of two moving plate assemblies fitted at the front of both platforms. The N/S play detector performs the rotational movement and the O/S carries out the lateral movement and both plates exceed the VOSA specification. The PD303 is simple to install and is supplied with a remote control torch for under-vehicle operation. In the event of control failure or damage, the PD303 can also be operated using the PD control functions on the main lift keypad.



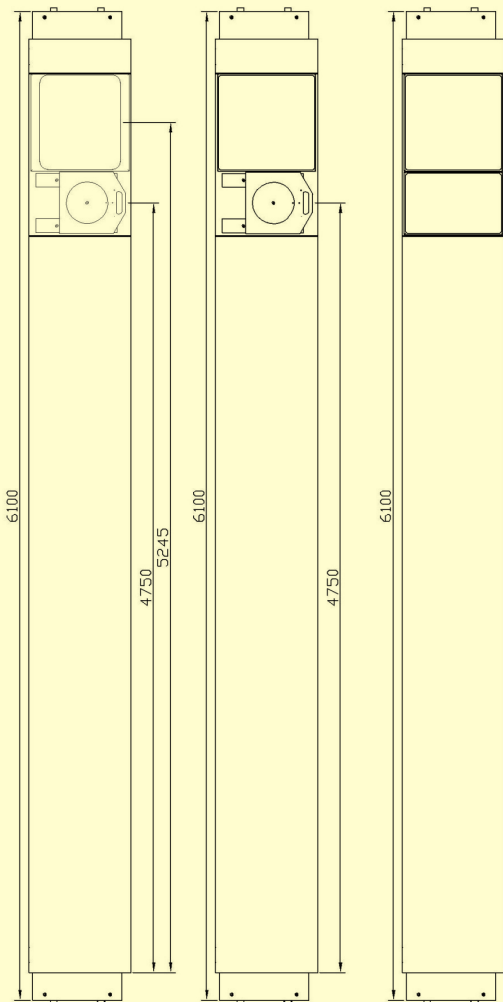
for any further information or advice,
please contact our sales team.
time is never an issue - customer service is.

0800 085 0620
www.boston-ge.com sales@boston-ge.com

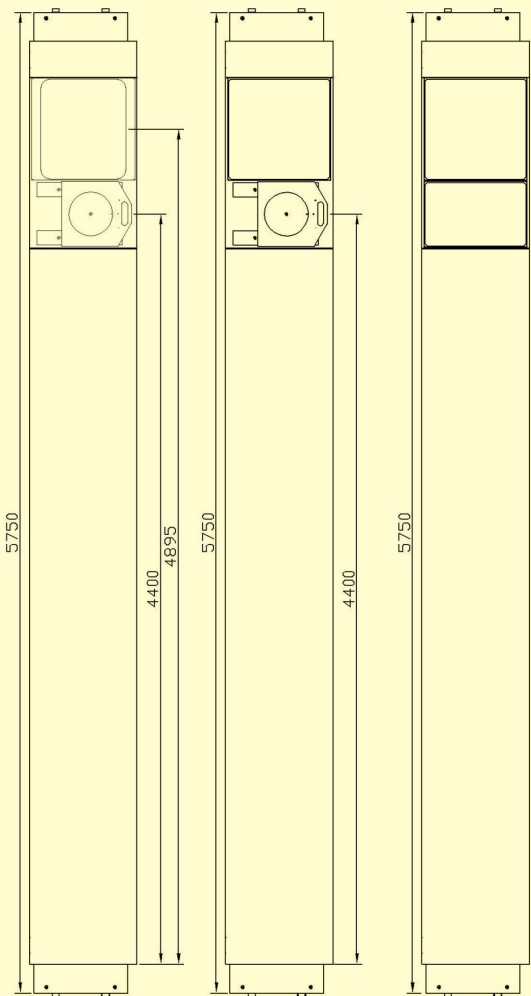
Technical Specifications

- Power: 400V - 2.6 Kw
- Max load capacity: 6 Tonne
- Total lift width: 3480 mm
- Lowered Platform height: 215 mm
- Max lifting height: 1860 mm
- Platform width: 630mm
- Between platforms: 860-940 mm
- Lifting time (loaded): 68 seconds
- Lowering time (loaded): 64 seconds
- Oil type: ISO32
- Oil quantity: 12 lt
- Max hydraulic pressure: 220 bar
- Total weight: 1500 / 1600 kg
- Quantity floor fixings: 16
- Recessed radius turning plates
- Cross beam pulley covers
- Play detector blanking plates
- Auto lock system on each post
- Internally mounted lock solenoids
- Air points on post and crossbeam
- 24V inspection lamp outlet

B461-610



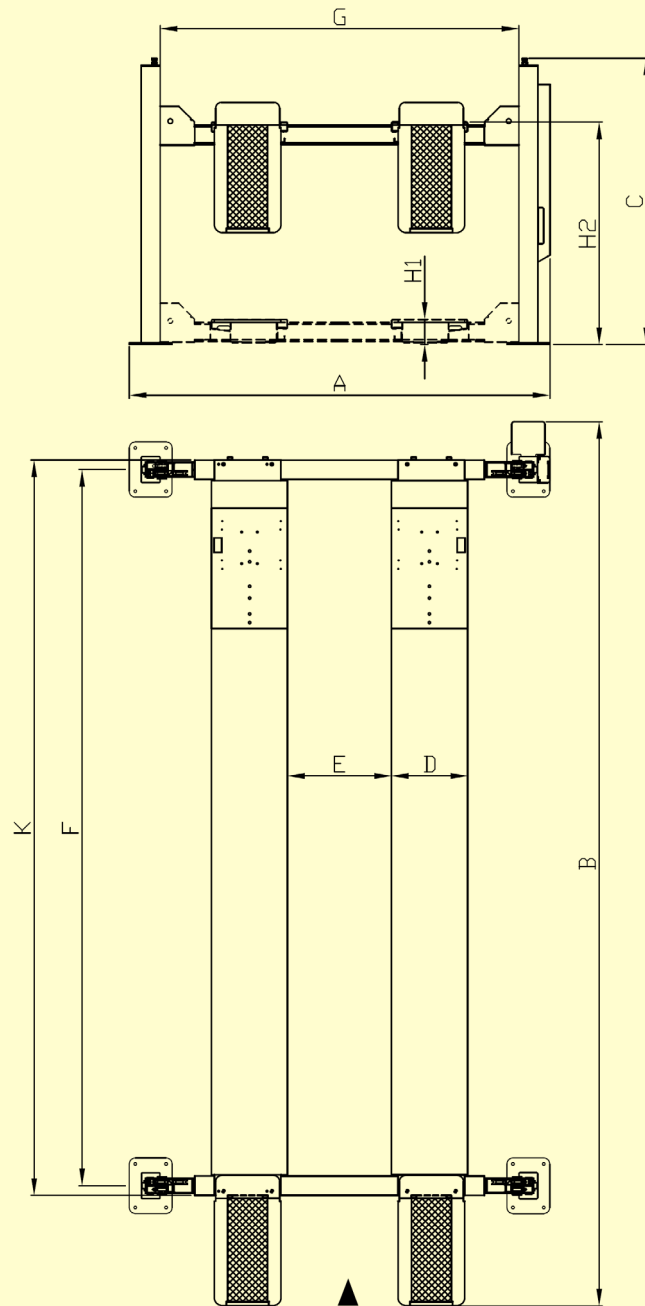
B461-575



for any further information or advice,
please contact our sales team.
time is never an issue - customer service is.

0800 085 0620
www.boston-ge.com sales@boston-ge.com

Lift Dimensions



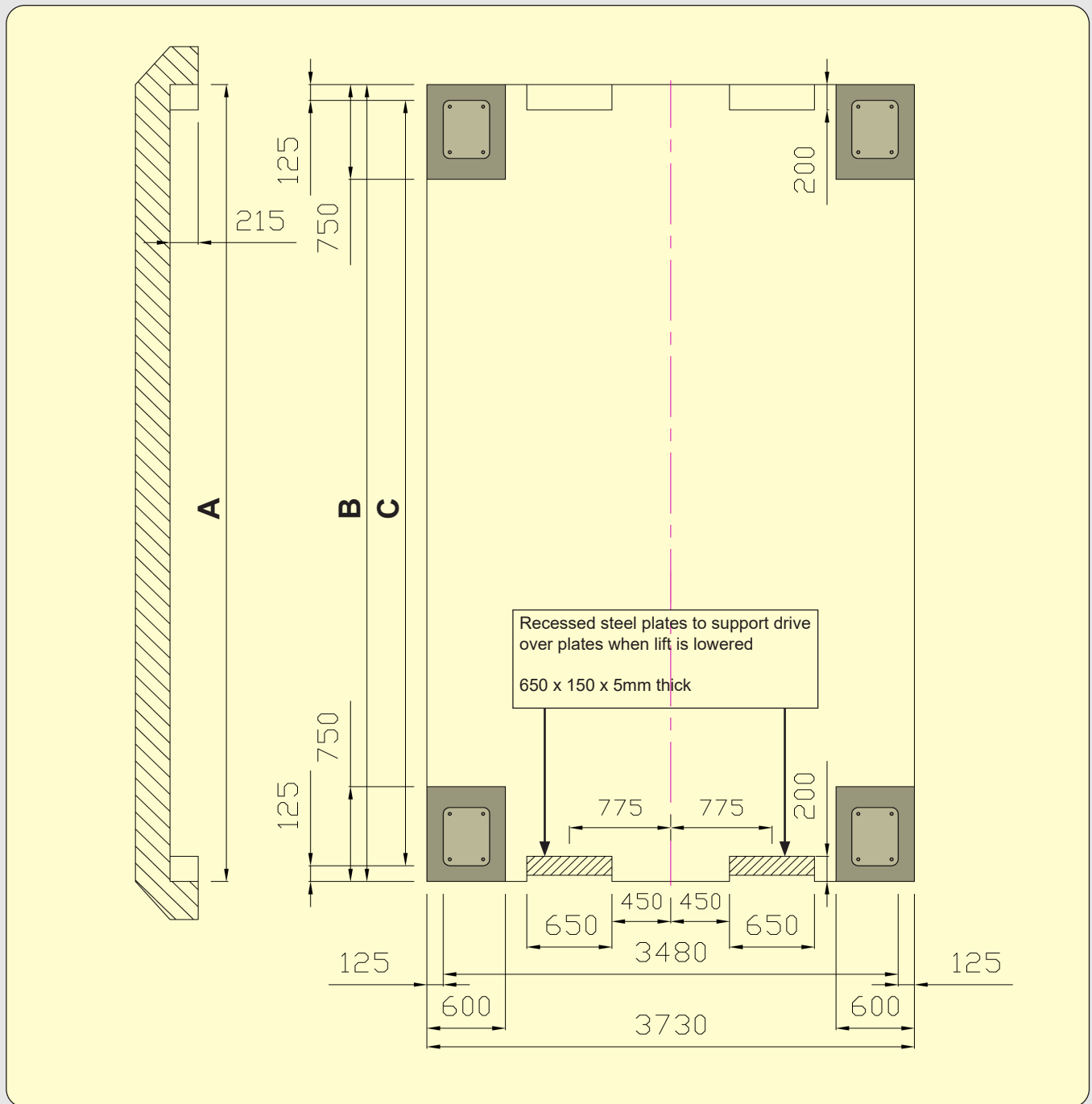
MODEL	A	B	C	D	E	F	G	H1	H2	K
B461-575	3480	6985	2380	630	860/900	5590	2968	205	1860	5750
B461-610	3480	7335	2380	630	860/900	5940	2968	205	1860	6100



for any further information or advice,
please contact our sales team.
time is never an issue - customer service is.

0800 085 0620
www.boston-ge.com sales@boston-ge.com

Installation Recess Dimensions



MODEL	A	B	C
B461-575	6300	6300	6050
B461-610	6650	6650	6400



for any further information or advice,
please contact our sales team.
time is never an issue - customer service is.

0800 085 0620
www.boston-ge.com sales@boston-ge.com