



LUNDS TEST BENCHES RELEASE 2 JULY 2013



AEROSPACE QUALITY
Test Benches

THE LUNDS TEST BENCH

Technical Data

The Lunds Test Bench is a modular design based on the standard 19 inch Rack System widely used within the Electronics and Aerospace industries. The Benches are either a base section with a plain worktop or a base section with worktop and top boxes. We offer both types in a single bay to a five bay configuration and other configurations can be manufactured to order.

Base dimensions, per Bay are 583 mm Wide X 720 mm High X 900 mm Deep and can accommodate 15 'U' Panels. Top dimensions, per Bay are 583 mm Wide X 987 mm High X 305 mm Deep and can accommodate 21 'U' Panels.

All Mounting Rails are plated and use M6 Cage Nut fixings and Front and Rear rails are supplied as standard along with central Mounting Rails in the Base Sections. All Mounting Rails can be moved backwards or forwards in 20mm increments.

On each Base Assembly Louvered 'Lift Off' Side Panels and Louvered 'Pivot Hinged' Rear Doors are supplied as standard. On the Top Boxes Louvered Rear Pivot Hinged Doors are supplied and the front face is trimmed with a Satin Finish Aluminium facing. All Pivot Hinged Doors can be removed for easy access. Front doors are an option (see page 14) and alternative doors can be manufactured with Perspex Front Panels on request.

Earth Bonding is handled by 4 off M5 Studs in the base of each Bay and 2 off M5 Studs in the base of each Top Box. All removable panels have an M5 Stud adjacent to one of the main earthing points for easy bonding. Cable entry to the units is by the access cut-outs in the base.



The Eurofighter Systems Simulator Rig (Metalwork designed and manufactured by LUNDS) for BAe Systems that uses the LUNDS Standard Test Benches.

Lunds can also produce bespoke versions of the Standard Test Benches and can offer many different combinations and variations. Please call with your requirements and our skilled designers will send you a 3D PDF model to illustrate your concept.



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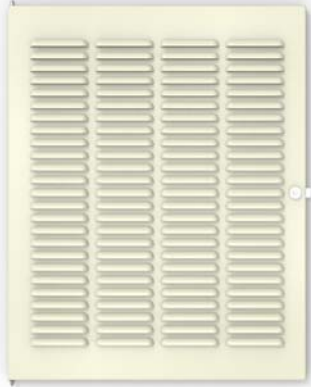
E-mail. sales@lunds.co.uk

Visit us on the internet at

<http://www.lunds.co.uk>

CALL 01903 784242

Accessories



FRONT DOOR LOUVERED — LOWER
Part No. **040804-333**



FRONT DOOR GLAZED — LOWER
Part No. **040804-347**

Shelves



PART No.	Width	Length	Height	PART No.	Width	Length	Height
040804-050	496	305	32	040804-070	496	305	20
040804-051	496	380	32	040804-071	496	380	20
040804-052	496	508	32	040804-072	496	508	20
040804-053	496	560	32	040804-073	496	560	20
040804-054	496	600	32	040804-074	496	600	20
040804-055	496	660	32	040804-075	496	660	20
040804-056	496	810	32	040804-076	496	810	20

Fixing Kit for Shelves **040804-099**—comprises of 4 off M6 Cage Nuts, 4 off M6 X 16 Hex Head Set Screws, 4 off M6 Star Washers and 4 off M6 Flat Washers.



The Worktop is manufactured from MDF and faced with Formica (Beech 8007). The edges are trimmed with hardwood with a rolled edge to the front and varnished to match the Formica. Cable Access holes are pre-cut into the Worktop when Top Boxes are fitted to allow cable runs to pass through.

The frames are a fully welded construction using 2 mm thick mild steel sheet that offer an extremely rigid and strong structure. Four Swivel and Brake Castors are fitted on each corner and additional Swivel Castors are used to support the structure.

The colour scheme is to customer preference, the units as shown are painted in BAe Systems standard colour scheme of 'RAF Blue / Grey' and 'Mist Grey'. These units are painted in house using a fine texture paint for added durability.

Lund's are ISO 9001 approved and all our products are RoHS & WEEE compliant. Certificate of Conformities can be obtained, on request.

SINGLE BAY TEST BENCH

Part No. **040804-500** (Was LB15504-001)

Our Standard Single Bay Test Bench has 15U Rack mountings, removable side panels, a hinged and removable rear panel and a rugged Formica faced MDF Top. We supply rack mounting rails to the front and rear of the cabinet plus a central support for heavy 19" equipment.

The base has earthing studs and a cut-out for cable entry. All panels are lockable and keyed the same throughout.

The durable Formica faced top has hardwood lipping's and can support the heaviest of loads.

All 4 castors are swivel and braked for movability and stability.

The paint finish as shown is RAF Blue Grey and Mist Grey for the removable panels. This is a fine textured finish that is more durable than standard. We can supply this unit in any RAL colour to suit.



Standard Assembly consists of

- 1 off Single Bay Base **040804-301**
- 1 off 1 Bay Plain Work Top **040804-305**
- 2 off Fully Louvred Side Base Panels **040804-303**
- 1 off Fully Louvred Rear Base Door **040804-304**
- 1 off Fully Louvred Front Base Door **040804-333 (Optional)**

5 BAY TEST BENCH WITH TOP UNITS

Part No. **040804-950** (Was LB15503-004)

Our Standard 5Bay Test Bench with Top Units has 15U Rack mountings in the lower section and 21U Rack mountings in the top section. It also has removable side panels, 5 hinged and removable rear panels on both the lower and top sections and a rugged Formica faced MDF Top. We supply rack mounting rails to the front and rear of the lower cabinets plus a central support for heavy 19" equipment. The top section has only rails at the front as this section mainly supports 19" panels. The base has earthing studs and cut-outs for cable entry. All panels are lockable and keyed the same throughout.

The durable Formica faced top has hardwood lipping's and can support the heaviest of loads. All 4 outer castors are swivel and braked for stability and the 6 central castors are swivel only.

The paint finish as shown is RAF Blue Grey and Mist Grey for the removable panels. This is a fine textured finish that is more durable than standard. We can supply this unit in any RAL colour to suit.



Standard Assembly consists of

- 1 off 1 Bay Base Outer Left Hand **040804-314**
- 3 off 1 Bay Base - Inner **040804-324**
- 1 off 1 Bay Base Outer Right Hand **040804-316**
- 1 off 5 Bay Work Top with Cut-outs **040804-332**
- 2 off Fully Louvred Side Base Panels **040804-303**
- 5 off Fully Louvred Rear Base Door **040804-304**
- 1 off 1 Bay Top Unit-Outer R/H **040804-320**
- 3 off 1 Bay Top Unit - Inner **040804-327**
- 1 off 1 Bay Top Unit-Outer L/H **040804-322**
- 5 off Fully Louvred Rear Top Door **040804-312**
- 4 off Fully Louvred Front Base Door **040804-333 (optional)**
- 4 off Braked Castors
- 8 off Un-braked Castors

5 BAY TEST BENCH

Part No. **040804-900** (Was LB15504-005)

Our Standard 5 Bay Test Bench has 15U Rack mountings, removable side panels, 4 hinged and removable rear panels and a rugged Formica faced MDF Top. We supply rack mounting rails to the front and rear of the cabinet plus a central support for heavy 19" equipment.

The base has earthing studs and cut-outs for cable entry. All panels are lockable and keyed the same throughout.

The durable Formica faced top has hardwood lipping's and can support the heaviest of loads.

All 4 outer castors are swivel and braked for stability and the 8 central castors are swivel only.

The paint finish as shown is RAF Blue Grey and Mist Grey for the removable panels. This is a fine textured finish that is more durable than standard. We can supply this unit in any RAL colour to suit.



Standard Assembly consists of

1 off 1 Bay Base Outer Left Hand 040804-314	4 off Fully Louvred Rear Base Door 040804-304
3 off 1 Bay Base - Inner 040804-324	4 off Fully Louvred Front Base Door 040804-333
1 off 1 Bay Base Outer Right Hand 040804-316	(optional)
1 off 5 Bay Work Top—Plain 040804-331	4 off Braked Castors
2 off Fully Louvred Side Base Panels 040804-303	8 off Un-braked Castors

SINGLE BAY TEST BENCH WITH TOP UNIT

Part No. **040804-550** (Was LB15503-001)

Our Standard Single Bay Test Bench with Top Unit has 15U Rack mountings in the lower section and 21U Rack mountings in the top section. It also has removable side panels, a hinged and removable rear panel on both the lower and top sections and a rugged Formica faced MDF Top. We supply rack mounting rails to the front and rear of the lower cabinet plus a central support for heavy 19" equipment. The top section has only 1 set of rails as this section mainly supports 19" panels.

The base has earthing studs and a cut-out for cable entry. All panels are lockable and keyed the same throughout.

The durable Formica faced top has hardwood lipping's and can support the heaviest of loads.

All 4 castors are swivel and braked for movability and stability.

The paint finish as shown is RAF Blue Grey and Mist Grey for the removable panels. This is a fine textured finish that is more durable than standard. We can supply this unit in any RAL colour to suit.



Standard Assembly consists of:

1 off Single Bay Base 040804-301
1 off 1 Bay Work Top with Cut-outs 040804-307
2 off Fully Louvred Side Base Panels 040804-303
1 off Fully Louvred Rear Base Door 040804-304
1 off Fully Louvred Front Base Door 040804-333 (optional)
1 off Single Bay Top Unit 040804-311
1 off Fully Louvred Rear Top Door 040804-312

2 BAY TEST BENCH

Part No. **040804-600** (Was LB15504-002)

Our Standard 2 Bay Test Bench has 15U Rack mountings, removable side panels, 2 hinged and removable rear panels and a rugged Formica faced MDF Top. We supply rack mounting rails to the front and rear of the cabinet plus a central support for heavy 19" equipment.

The base has earthing studs and cut-outs for cable entry. All panels are lockable and keyed the same throughout.

The durable Formica faced top has hardwood lipping's and can support the heaviest of loads.

All 4 outer castors are swivel and braked for stability and the 2 central castors are swivel only.

The paint finish as shown is RAF Blue Grey and Mist Grey for the removable panels. This is a fine textured finish that is more durable than standard. We can supply this unit in any RAL colour to suit.



Standard Assembly consists of

- | | |
|---|--|
| 1 off 1 Bay Base Outer Left Hand 040804-314 | 2 off Fully Louvered Front Base Door 040804-333 |
| 1 off 1 Bay Base Outer Right Hand 040804-316 | (optional) |
| 1 off 2 Bay Plain Work Top 040804-317 | 4 off Braked Castors |
| 2 off Fully Louvered Side Base Panels 040804-303 | 2 off Un-braked Castors |
| 2 off Fully Louvered Rear Base Door 040804-304 | |

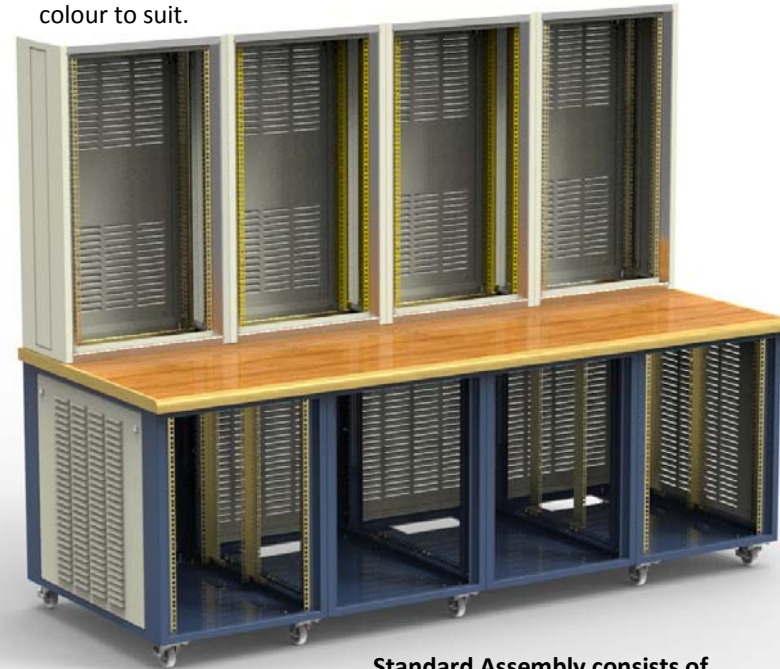
4 BAY TEST BENCH WITH TOP UNITS

Part No. **040804-850** (Was LB15503-004)

Our Standard 4Bay Test Bench with Top Units has 15U Rack mountings in the lower section and 21U Rack mountings in the top section. It also has removable side panels, 4 hinged and removable rear panels on both the lower and top sections and a rugged Formica faced MDF Top. We supply rack mounting rails to the front and rear of the lower cabinets plus a central support for heavy 19" equipment. The top section has only rails at the front as this section mainly supports 19" panels. The base has earthing studs and cut-outs for cable entry. All panels are lockable and keyed the same throughout.

The durable Formica faced top has hardwood lipping's and can support the heaviest of loads. All 4 outer castors are swivel and braked for stability and the 6 central castors are swivel only.

The paint finish as shown is RAF Blue Grey and Mist Grey for the removable panels. This is a fine textured finish that is more durable than standard. We can supply this unit in any RAL colour to suit.



Standard Assembly consists of

- | | |
|--|---|
| 1 off 1 Bay Base Outer Left Hand 040804-314 | 2 off 1 Bay Top Unit - Inner 040804-327 |
| 2 off 1 Bay Base - Inner 040804-324 | 1 off 1 Bay Top Unit-Outer L/H 040804-322 |
| 1 off 1 Bay Base Outer Right Hand 040804-316 | 4 off Fully Louvred Rear Top Door 040804-312 |
| 1 off 4 Bay Work Top with Cut-outs 040804-330 | 4 off Fully Louvred Front Base Door 040804-333 |
| 2 off Fully Louvred Side Base Panels 040804-303 | (optional) |
| 4 off Fully Louvred Rear Base Door 040804-304 | 4 off Braked Castors |
| 1 off 1 Bay Top Unit-Outer R/H 040804-320 | 6 off Un-braked Castors |

4 BAY TEST BENCH

Part No. **040804-800** (Was LB15504-004)

Our Standard 4 Bay Test Bench has 15U Rack mountings, removable side panels, 4 hinged and removable rear panels and a rugged Formica faced MDF Top. We supply rack mounting rails to the front and rear of the cabinet plus a central support for heavy 19" equipment.

The base has earthing studs and cut-outs for cable entry. All panels are lockable and keyed the same throughout.

The durable Formica faced top has hardwood lipping's and can support the heaviest of loads.

All 4 outer castors are swivel and braked for stability and the 6 central castors are swivel only.

The paint finish as shown is RAF Blue Grey and Mist Grey for the removable panels. This is a fine textured finish that is more durable than standard. We can supply this unit in any RAL colour to suit.



Standard Assembly consists of

- | | |
|--|---|
| 1 off 1 Bay Base Outer Left Hand 040804-314 | 4 off Fully Louvred Rear Base Door 040804-304 |
| 2 off 1 Bay Base - Inner 040804-324 | 4 off Fully Louvred Front Base Door 040804-333 |
| 1 off 1 Bay Base Outer Right Hand 040804-316 | (optional) |
| 1 off 4 Bay Plain Work Top 040804-329 | 4 off Braked Castors |
| 2 off Fully Louvred Side Base Panels 040804-303 | 6 off Un-braked Castors |

2 BAY TEST BENCH WITH TOP UNIT

Part No. **040804-650** (Was LB15503-002)

Our Standard 2 Bay Test Bench with Top Unit has 15U Rack mountings in the lower section and 21U Rack mountings in the top section. It also has removable side panels, 2 hinged and removable rear panels on both the lower and top sections and a rugged Formica faced MDF Top. We supply rack mounting rails to the front and rear of the lower cabinets plus a central support for heavy 19" equipment. The top section has only rails at the front as this section mainly supports 19" panels.

The base has earthing studs and cut-outs for cable entry. All panels are lockable and keyed the same throughout.

The durable Formica faced top has hardwood lipping's and can support the heaviest of loads.

All 4 outer castors are swivel and braked for stability and the 2 central castors are swivel only.

The paint finish as shown is RAF Blue Grey and Mist Grey for the removable panels. This is a fine textured finish that is more durable than standard. We can supply this unit in any RAL colour to suit.



Standard Assembly consists of

- | | |
|--|---|
| 1 off 1 Bay Base Outer Left Hand 040804-314 | 1 off 1 Bay Top Unit-Outer L/H 040804-322 |
| 1 off 1 Bay Base Outer Right Hand 040804-316 | 2 off Fully Louvred Rear Top Door 040804-312 |
| 1 off 2 Bay Work Top with Cut-outs 040804-318 | 2 off Fully Louvred Front Base Door 040804-333 |
| 2 off Fully Louvred Side Base Panels 040804-303 | (optional) |
| 2 off Fully Louvred Rear Base Door 040804-304 | 4 off Braked Castors |
| 1 off 1 Bay Top Unit-Outer R/H 040804-320 | 2 off Un-braked Castors |

3 BAY TEST BENCH

Part No. **040804-700** (Was LB15504-003)

Our Standard 3 Bay Test Bench has 15U Rack mountings, removable side panels, 3 hinged and removable rear panels and a rugged Formica faced MDF Top. We supply rack mounting rails to the front and rear of the cabinet plus a central support for heavy 19" equipment.

The base has earthing studs and cut-outs for cable entry. All panels are lockable and keyed the same throughout.

The durable Formica faced top has hardwood lipping's and can support the heaviest of loads.

All 4 outer castors are swivel and braked for stability and the 4 central castors are swivel only.

The paint finish as shown is RAF Blue Grey and Mist Grey for the removable panels. This is a fine textured finish that is more durable than standard. We can supply this unit in any RAL colour to suit.



Standard Assembly consists of

- | | |
|--|---|
| 1 off 1 Bay Base Outer Left Hand 040804-314 | 3 off Fully Louvred Rear Base Door 040804-304 |
| 1 off 1 Bay Base - Inner 040804-324 | 3 off Fully Louvred Front Base Door 040804-333 |
| 1 off 1 Bay Base Outer Right Hand 040804-316 | (optional) |
| 1 off 3 Bay Plain Work Top 040804-325 | 4 off Braked Castors |
| 2 off Fully Louvred Side Base Panels 040804-303 | 4 off Un-braked Castors |

3 BAY TEST BENCH WITH TOP UNITS

Part No. **040804-750** (Was LB15503-003)

Our Standard 3 Bay Test Bench with Top Units has 15U Rack mountings in the lower section and 21U Rack mountings in the top section. It also has removable side panels, 3 hinged and removable rear panels on both the lower and top sections and a rugged Formica faced MDF Top. We supply rack mounting rails to the front and rear of the lower cabinets plus a central support for heavy 19" equipment. The top section has only rails at the front as this section mainly supports 19" panels.

The base has earthing studs and cut-outs for cable entry. All panels are lockable and keyed the same throughout.

The durable Formica faced top has hardwood lipping's and can support the heaviest of loads.

All 4 outer castors are swivel and braked for stability and the 4 central castors are swivel only.

The paint finish as shown is RAF Blue Grey and Mist Grey for the removable panels. This is a fine textured finish that is more durable than standard. We can supply this unit in any RAL colour to suit.



Standard Assembly consists of

- | | |
|--|---|
| 1 off 1 Bay Base Outer Left Hand 040804-314 | 1 off 1 Bay Top Unit - Inner 040804-327 |
| 1 off 1 Bay Base - Inner 040804-324 | 1 off 1 Bay Top Unit-Outer L/H 040804-322 |
| 1 off 1 Bay Base Outer Right Hand 040804-316 | 3 off Fully Louvred Rear Top Door 040804-312 |
| 1 off 3 Bay Work Top with Cut-outs 040804-328 | 3 off Fully Louvred Front Base Door 040804-333 |
| 2 off Fully Louvred Side Base Panels 040804-303 | (optional) |
| 3 off Fully Louvred Rear Base Door 040804-304 | 4 off Braked Castors |
| 1 off 1 Bay Top Unit-Outer R/H 040804-320 | 4 off Un-braked Castors |