



## Description

Custom-made pneumatic line pressure systems for use with CalBenches that feature pressure modules. Each system is built into a framework bench that is partitioned to station the separate sections. The line pressure bench can situate next to the CalBench it is supplying. Hoses are supplied for connection from the LPB to the pressure module inputs at the rear of the console.

The work bench section of the LPB is a 1500 mm wide heavy duty type with a steel framework structure. It features a rear perforated panel that is used to mount the manifold/s and in-line ball valves. These are configured based on line pressures required. A tabletop section provides additional user workspace and situates next to the accompanying CalBench.

The cylinder cabinet is fitted to the framework and securely houses 2 x 12 L cylinders. These are supplied with high regulators with analogue gauges. All the necessary fittings and hoses are supplied. Two perspex shields provide added safety covering of the cylinder/regulator and manifold/valve sections. These are hinge-fitted to the perforated panel so can be lifted for access to each section.

The system is supplied unpressurised so cylinder filling is required at site. An optional high pressure compressor is available to provide a complete solution. This is used to periodically fill the cylinders to the required pressures. The compressor is fitted to a wheeled platform and situates under the worktop area of the LPB. It features a factory preset pressure switch to ensure cutout at the filling pressure.

## Details/Specifications

<b>Work Bench Section</b> .....	1.5 m steel framework bench, partitioned with worktop, perforated panel (manifold mounted), dual cylinder housing cabinet.
<b>Cylinders</b> .....	2 x 12 L cylinders (max. pressure 235 bar)
<b>Regulators</b> .....	2 x XREG regulators (see separate data sheet for specs) With inlet and outlet pressure gauges. Minimesse pressure fittings to hoses.
<b>Hoses</b> .....	High pressure minimesse type hoses, custom lengths as per setup and CalBench requirement.
<b>Manifold Sections</b> .....	High pressure manifold blocks with in-line ball valves for pressure line isolation.
<b>Perspex shielding</b> .....	Connected to the perforated panel, hard perspex shielding for the cylinders and manifold blocks.
<b>Compressor Option</b> .....	A high pressure compressor fitted to a wheeled platform for mobility and access. Used for filling cylinders. Features a pressure switch set to the required cylinder pressure.

## Features

- Line pressure benches for use with CalBench systems
- Supplied pre-configured when purchased with CalBench
- 1.5 m steel heavy duty framework bench, partitioned with cylinder storage, worktop, perfo panel for manifolds/valves
- 2 x 12 L cylinders, 235 bar max pressure
- Manifold sections with in-line ball valves for line isolation
- Secure cylinder cabinet housing
- Perspex shielding over cylinders and manifolds
- High pressure regulators with inlet/outlet gauges
- High pressure minimesse hosing used throughout
- Optional high pressure compressor for cylinder filling
- Designed to situate next to CalBenches

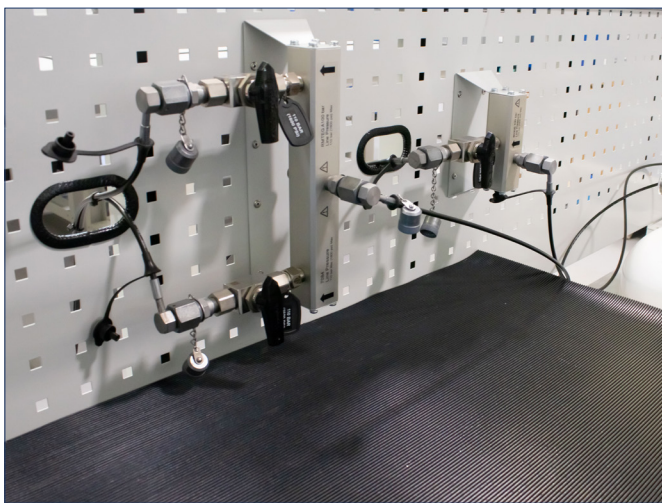
## Ordering information

**LPB-C2** ..... **Line Pressure Bench**  
Partitioned framework bench with top, perfo panel, cylinder cabinet, 2 x 12 L cylinders, 2 x regulators, 2 x manifold/valve blocks, hoses, perspex shielding.

**LPB-C2/COMP** ..... **Line Pressure Bench with Compressor**  
Partitioned framework bench with top, perfo panel, cylinder cabinet, 2 x 12 L cylinders, 2 x regulators, 2 x manifold/valve blocks, hoses, perspex shielding, high pressure compressor on wheeled platform.

**LPB-C2/CUST** ..... **Custom Line Pressure Bench**  
Custom LPB with partitioned framework bench with top, perfo panel, cylinder cabinet, configured for end user requirements.





*Due to continuous development Time Electronics reserves the right to change specifications without prior notice.*