Workshop Solutions
One call for complete peace of mind

DESIGN

PLAN

BUILD

01827 838 477
BRANCHES NATIONWIDE
Act first and get the biggest return

Despite ADAS (Advanced driver-assistance systems) technology already being in the mainstream, the majority of garage workshops don’t yet have the equipment to complete an ADAS calibration following a repair.

This means there is an opportunity for those who act first to establish themselves not only with the traditional work providers, but also with other local collision repair workshops and the regular mechanical shops.

Getting kitted out with ADAS calibration equipment is a matter of a consultation with one of our Workshop Equipment Specialists. Our professional team will advise on site, arrange a demo, and lay out the options.

First mover advantage into ADAS calibration will get you making profit whilst the marketplace is still relatively uncompetitive. It will ensure you are already known for it in your area even when the competition picks up. Investing in ADAS equipment will also leave you best placed to integrate any new developments that come later down the line, ensuring you’re not playing catch up with the competition.

With ADAS sensor initialisation and calibration a requirement on the many cars for numerous operations previously considered simple, such as replacing a door mirror or a bumper reinforcement beam, the call for this capability is undoubtedly going to grow rapidly and the first people in will reap the biggest reward.

Remember, a vehicle returned to the owner uncalibrated leaves you running the risk of being liable should the car be involved in an accident.

Our Workshop Solutions Equipment Specialists are available to arrange a demo, and help deliver your ideal ADAS calibration solution – give us a call.

01827 838 477
BRANCHES NATIONWIDE
**HELLA CSC TOOL**

The Hella Gutmann CSC (Camera and Sensor Calibration) Tool enables effective and accurate calibration of a wide range of camera-based driver assist systems.

Whilst the CSC tool provides out-of-the-box coverage for calibrating VAG and Mercedes-Benz ADAS cameras, additional target panels are available separately for extending vehicle coverage to 19 manufacturers.

Furthermore, over and above ADAS camera calibration, the Hella CSC tool is unique in offering ADAS radar calibration as well. Making this the most comprehensive ADAS calibration system available.

- Comprehensive Aftermarket solution for Camera and Radar Calibration
- Modular system to enable new systems and vehicles to be added
- New, Side and Rear calibration extension kits for 360 degree and rear systems
- Training included
- Interfaces with any mega macs diagnostic kit
- Full print out of a successful calibration, including date/time/VIN and Registration number
- Future proofs your business and creates a one stop solution for ADAS vehicles.

**FREE WORKSHOP SIGNAGE**

**IDEAL FOR ALL MAKES GARAGES, GLASS REPLACEMENT BUSINESSES AND BODY SHOPS, AND COMPATIBLE WITH A WIDE RANGE OF VEHICLE MODELS AND CAMERA-BASED DRIVER ASSIST SYSTEMS**

**PAYS FOR ITSELF IN JUST 4 MONTHS***

*ROI calculation is based on purchase of – CSC Calibration Tool, Calibration Panel Set (6 Panels) and Mega Macs 56. 30min Labour Taken Into Account Per Calibration. ROI calculation is not a guarantee of earnings. 30min Labour Taken Into Account Per Calibration. ROI calculation is not a guarantee of earnings.

<table>
<thead>
<tr>
<th>BASIC HELLA CSC KIT</th>
<th>PART NUMBER</th>
<th>WEEKLY</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Covers VAG, Mercedes, Renault, Nissan, Honda, Toyota, Hyundai, Kia – allows you to do windscreen camera calibration</td>
<td>597 77 5760</td>
<td>£28.48†</td>
<td>£5,650</td>
</tr>
<tr>
<td>Camera Target Panels (6) (Covers Renault, Nissan, Honda, Toyota, Hyundai, Kia)</td>
<td>597 77 7900</td>
<td>£11.29†</td>
<td>£2,200</td>
</tr>
<tr>
<td>Radar Kit 1</td>
<td>355 77 7890</td>
<td>£8.37†</td>
<td>£1,660</td>
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<tr>
<td>Radar Kit 1</td>
<td>355 77 7880</td>
<td>£6.27†</td>
<td>£1,245</td>
</tr>
<tr>
<td>Other Boards available</td>
<td>FROM £390</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS**

<table>
<thead>
<tr>
<th>ADDITIONAL OPTIONS</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radar Systems Calibration Kits</td>
<td>From £1,245</td>
</tr>
<tr>
<td>Asian Vehicles Target Boards</td>
<td>Each from £490</td>
</tr>
<tr>
<td>Rear Camera Calibrating Kits</td>
<td>From £1,390</td>
</tr>
<tr>
<td>Side Camera Calibrating Kits</td>
<td>From £790</td>
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</tbody>
</table>

**HELLA MEGA MACS DIAGNOSTIC TOOLS FOUND ON PAGE 11**

**ASK FOR A DEMO**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC Tool Investment</td>
<td>£11,470</td>
</tr>
<tr>
<td>Invoice Price Per Calibration</td>
<td>£250</td>
</tr>
<tr>
<td>Calibrations Per Week</td>
<td>3</td>
</tr>
<tr>
<td>Labour Rate Per Hour</td>
<td>£45</td>
</tr>
<tr>
<td>Calibrations Needed To Breakeven</td>
<td>47</td>
</tr>
<tr>
<td>Weeks To Pay Back</td>
<td>16</td>
</tr>
</tbody>
</table>

**BASIC HELLA CSC KIT TOTAL**

<table>
<thead>
<tr>
<th>WEEKLY</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROM £57.81†</td>
<td></td>
</tr>
</tbody>
</table>

*£70 Delivery Charge On Orders of 4 Board and Below.

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*Finance example typically based on a 5 year lease purchase agreement. Finance subject to status, full terms and conditions available on request. Other finance options available. All prices exclude VAT at 20%.
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Prices correct at time of going to press: November 2018.*
ADAS Calibration

TEXA ADAS RADAR AND CAMERA CALIBRATION (RCCS BASE HARDWARE KIT)
598 03 0100

The TEXA RCCS (Radar & Camera Calibration System) works in conjunction with the TEXA IDC5 software for calibration of ADAS Camera and Radar systems. The RCCS allows the operator to position the Camera Calibration boards and the radar reflector panel in the correct position to ensure the system calibration can be carried out quickly and accurately.

Featuring electronic height adjustment, quick fit wheel clamps and variable position radar reflector the RCCS allows workshops the flexibility to cover a whole range of vehicles.

- RCCS calibration rig
- 2x laser heads
- 2x self centring wheel clamps
- 2x laser support
- Digital measure
- Digital centring laser
- Digital levelling box

WEEKLY FROM ONLY £37.77†
ONLY £7,495.00

TEXA ADAS RADAR AND CAMERA CALIBRATION (RCCS MASTER HARDWARE KIT)
598 03 0110

Package Contents:
- RCCS calibration rig
- 2x laser heads
- 2x self centring wheel clamps
- 2x laser support
- Digital measure
- Digital centring laser
- Digital levelling box
- Positioning mat
- Renault/Smart
- Mercedes type 1 rear
- Alfa romeo type 1 front
- VAG front
- Mercedes type 2 rear
- Kia/Hyundai/Fiat/JEEP front
- Nissan front
- VAG rear
- Mazda front
- Toyota type 2 front
- Toyota type 1 front
- Honda type 2 front
- Honda front
- Nissan/Infinity front
- Mazda type 2 front
- Mercedes front
- Subaru/Suzuki front

WEEKLY FROM ONLY £53.40†
ONLY £10,595.00

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ADAS Calibration

AUTEL ADAS COMMON PACKAGE
598 02 0020

The advanced Autel ADAS Calibration Tool provides simple and pin point calibration for camera, radar and night vision-based systems across multiple manufactures and driver assist systems. The Autel ADAS system is one of the most capable systems on the market today and offers great value to garages.

Autel's ADAS system is essential during the repair process, where vehicles are equipped with ADAS systems. These Advanced Driver Assist Systems to help drivers recognise and react to road hazards. ADAS uses image processing cameras, radar, lidar, dynamic lighting, electromagnetic sensors and ultrasound to monitor vehicle surroundings and detect potentially dangerous driving situations. When a dangerous situation is detected, the vehicle warns the driver or takes a corrective action to prevent a collision.

The Autel ADAS system can be purchased as individual component and boards, or in 2 differing configurations of Main Frame bundled solutions, which save a purchaser time and money.

Even better is that existing Autel MS908 and MS908Pro customers can currently add the ADAS software to their existing tool when purchase an ADAS Main Frame bundle at no extra cost, ensuring the customers an even greater saving.

Autel's high quality ADAS frame is fully adjustable, in its Basic Frame Bundle, also includes the wheel clamps, wheel lasers, ACC mirror/ Radar reflector and the VW/Mercedes LDW board. The full package bundle also includes the most commonly used ADAS boards.

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The advantages for Autel advanced ADAS calibration tool are:

- Monthly software updates
- Guided Main Frame set-up and configuration procedures (with diagrams) for simple set-up.
- Comprehensive - Over 24 types of Autel ADAS calibration accessories including pattern boards, reflectors, night vision calibration tools, 360 panoramic floor pattern, and much more.
- Up-To-Date and comprehensive software with Pre and post ADAS calibration print reports.

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Choosing the correct Bosch Diagnostic Tool

When purchasing a Bosch diagnostic tool, it is essential that you consider what part of the diagnostic package you’re investing in. The Bosch diagnostic range includes 3 different sections, which when combined create some of the most comprehensive diagnostic capabilities available on the market. Selected models in the Bosch range can combine 2 of these parts to offer increased efficiency.

A + B + C = Complete Bosch Diagnostic Package

DCU/LAPTOP

The DCU/Laptop is the hardware that is used to run the ESI software, which communicates with the Bosch KTS/VCI system. Bosch currently offer 2 types of DCU, the DCU100 which is a touchscreen tablet, while the DCU220 is a high specification touchscreen tablet/laptop – ideal for future-proofing your investment.

Both DCU’s are designed to run Bosch ESI software speedily and efficiently, make sure you get a professional experience. The rugged and strengthened design means the machine can handle even the harshest workshop environments.

Alternatively you can use your own laptop to run ESI software, however it is important to bear in mind the specification of your laptop. The higher the spec, the quicker the Bosch ESI software will run. With the constant development of diagnostic software, it is important to have a laptop that will be able to cope with its demands.

VCI/KTS

The VCI/KTS connects via the car diagnostic port to the Laptop/DCU and is the communication interface between the car and the Laptop/DCU.

When selecting a KTS, it is important to look at what is included. For example, the KTS590 has a built in 2 channel scope that can be used for component testing.

Other machines such as the KTS350 incorporate both the VCI/KTS and the Laptop/DCU, providing the ultimate ‘Two in One’ machine.

ESI SOFTWARE

ESI Software is used to diagnose the vehicles faults, it requires both a Laptop/DCU and KTS Interface. The software runs on the DCU/ Laptop and communicates with the KTS/VCI – complementing each other to form the complete Bosch diagnostic package.

Bosch offer 3 levels of software subscription; SD+SIS, Master and Master + EBR (Experience Based Repair).

The ESI software offers more than the majority of competitor products. With guided test plans, known values, technical data* and known fixes*, the use of the ESI software will help you diagnose and pinpoint the fault with vehicle with incredible accuracy. Simply clicking on the fault within the ESI software will enable a wealth of information at the palm of your hand, with test plans and known values being shown, it’s simple to track down the fault**.

The recent introduction of EBR (Experienced Based Repair)* gives access to a database of known and common faults & fixes. These faults are not just limited to engine management but also to customer’s complaints such as knocking noises, wiring issues, recalls and much more.

*Depending on subscription. **Where available.
Diagnostics

GO TO PAGE 17 FOR BATTERY SUPPORT

DCU100 TABLET
355 77 9830

- Ergonomic rubberised hand-grips enables easier handling
- Robust Design: Suitable to work in any workshop conditions
- Integrated Bluetooth (Class 1) enables mobility and minimises cable clutter in the workshop
- Wifi enabled: Allowing web access
- SD card slot: Provides flexibility for data transfer
- Lithium-ion battery and easy to engage standby button: Prolongs the battery life

Diagnostics

WEEKLY FROM ONLY £8.56†
ONLY £1,699.00

*ESI subscription required

DCU220
355 99 0190

Carefully thought out details make operation easier
- Easily switched from tablet to notebook mode – continue to work as you change
- Sturdy housing with 11.6” touchscreen monitor – view more data in one go
- Integrated camera: Document and use to show customers or order parts photographed

Mobile work over extended periods
- Inclusion of two identical lithium-ion batteries
- If required, batteries can be replaced without interruption (hot swap function)

WEEKLY FROM ONLY £13.58†
ONLY £2,695.00

*ESI subscription required

KTS560, KTS590

- Works with any Windows-based PC that has a licensed version of the Bosch diagnostics software ESI[tronic]2.0 installed*. Performs Pass-Thru by working with OEM software**
- Operates OEM software with many approvals already in place
- Supports all of today’s relevant diagnostic protocols including Diagnostics over Internet Protocol (DoIP) – and that means it’s capable of all the latest OEM procedures
- USB2.0 and Bluetooth® connections means you can either stay tethered or not – your choice.
- The KTS 590 also includes a 2-channel oscilloscope, which means that not only voltage and current waveforms can be shown, but can also be immediately evaluated.

KTS560
355 77 9240
WEEKLY FROM ONLY £7.05†
ONLY £1,399.00

KTS590 WITH BUILT-IN OSCILLOSCOPE
355 77 9220
WEEKLY FROM ONLY £8.04†
ONLY £1,595.00

*ESI subscription required. Minimum spec. Windows7 and above.
**Requires Additional Manufacturer Subscription.

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Bluetooth Interface

- Carefully thought out details make operation easier
- Works with any Windows-based PC that has a licensed version of the Bosch diagnostics software ESI[tronic]2.0 installed*. Performs Pass-Thru by working with OEM software**
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- Supports all of today’s relevant diagnostic protocols including Diagnostics over Internet Protocol (DoIP) – and that means it’s capable of all the latest OEM procedures
- USB2.0 and Bluetooth® connections means you can either stay tethered or not – your choice.
- The KTS 590 also includes a 2-channel oscilloscope, which means that not only voltage and current waveforms can be shown, but can also be immediately evaluated.

KTS560
355 77 9240
WEEKLY FROM ONLY £7.05†
ONLY £1,399.00

KTS590 WITH BUILT-IN OSCILLOSCOPE
355 77 9220
WEEKLY FROM ONLY £8.04†
ONLY £1,595.00

*ESI subscription required. Minimum spec. Windows7 and above.
**Requires Additional Manufacturer Subscription.

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**VCI (KTS560)**
- Works with any Windows-based PC that has a licensed version of the Bosch diagnostics software ESI[tronic]2.0 installed*. Performs Pass-Thru by working with OEM software**
- Operates OEM software with many approvals already in place
- Supports all of today’s relevant diagnostic protocols including Diagnostics over Internet Protocol (DoIP) – and that means it’s capable of all the latest OEM procedures
- USB2.0 and Bluetooth™ connections means you can either stay tethered or not – your choice
- Rugged design with high resistance to dust and water

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**TABLET (DCU100)**
- Ergonomic rubberised hand-grips enables easier handling
- Robust Design: Suitable to work in any workshop conditions
- Integrated Bluetooth (Class 1) enables mobility and minimises cable clutter in the workshop
- Wifi enabled: Allowing web access
- SD card slot: Provides flexibility for data transfer
- Lithium-ion battery and easy to engage standby button: Prolongs the battery life

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**KTS350**
- Works with any Windows-based PC that has a licensed version of the Bosch diagnostics software ESI[tronic]2.0 installed*. Performs Pass-Thru by working with OEM software**
- Supports the new Ethernet-based data protocols and is therefore perfectly prepared for the future demands of the automotive environment
- Supports the PassThru Technology. This allows you to reprogram vehicle ECU via OEM portals (separate subscriptions from each OEM required)
- Improved processor and modern SSD technology means a quick system start and fast working
- Equipped with Windows 10 which means you can install additional applications. This means it can be easily integrated in your existing workflows

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**KTS460**
- Works with any Windows-based PC that has a licensed version of the Bosch diagnostics software ESI[tronic]2.0 installed*. Performs Pass-Thru by working with OEM software**
- Operates OEM software with many approvals already in place
- Supports all of today’s relevant diagnostic protocols including Diagnostics over Internet Protocol (DoIP) – and that means it’s capable of all the latest OEM procedures
- USB2.0 and Bluetooth™ connections means you can either stay tethered or not – your choice
- Rugged design with high resistance to dust and water

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*ESI subscription required. Minimum spec. Windows 7 and above.
**Requires Additional Manufacturer Subscription.
ESI[TRONIC] 2.0 software is used in conjunction with the KTS range of diagnostic tools for vehicle fault diagnosis and service function procedures. The range of features available through the software is truly vast.

**C1 THE MAIN ESI PACKAGE ARE:**

**SD Diagnostics**
- Enables users to:
  - Read Fault codes
  - Erase Fault codes
  - Collect Actual Data Values
  - Actuate Components
  - Carry out Function Tests
  - Carry out service functions such as service lights, dpf, handbrakes, batteries and windscreens
  - Carry out some coding

**SIS Trouble shooting**
- Identifying a fault code is just the tip of the iceberg in a vehicle repair process. Trouble shooting is the solution to guide you to the root cause of the problem. It can guide the user from the fault code, real time data or symptoms through a number of tests to the root cause of the problem. It integrates the multimeter and scope (fitted to the KTS) to the guided diagnostics. SIS gives the user all of this in addition to the base SD package.

**C2 MP MASTER PACK**
- Trouble shooting takes users to the root cause, but users will need:
  - Wiring diagrams for body electrics
  - Technical bulletins
  - Installation information
  - Mechanical and service information
  - Torque settings
  - Locations and pin information on components

**ESI STANDARD SUBSCRIPTION**
- SD Diagnostics / SIS Trouble shooting

**ONE YEAR**
- C1: 356 77 1580 + 356 77 1660
- **WEEKLY FROM ONLY £2,353.00**
- **ONLY £941.00**
- **SAVE £443**

**THREE YEARS**
- C1: 356 77 1590 + 356 77 1670
- **WEEKLY FROM ONLY £1,177.00**
- **ONLY £1,330.00**
- **SAVE £553**

**ESI MASTER SUBSCRIPTION**
- SD Diagnostics / SIS Trouble shooting / MP Master Pack

**ONE YEAR**
- C1 + C2: 356 77 1580 + 356 77 1600
- **WEEKLY FROM ONLY £1,177.00**
- **ONLY £1,177.00**
- **SAVE £553**

**THREE YEARS**
- C1 + C2: 356 77 1590 + 356 77 1610
- **WEEKLY FROM ONLY £2,943.00**
- **ONLY £2,943.00**
- **SAVE £553**

**C3 EXPERIENCE-BASED REPAIR (EBR) – KNOWN FIXES**

**UNIQUE IN THE MARKET**

**EBR-Finder**
- Bosch developed an innovative algorithm which enables the so called EBR-Finder to identify trending vehicle problems from a multitude of sources – using this as input, the experienced Bosch SIS-authors create a repair solution.

**EBR MAKES TROUBLESHOOTING SIMPLE**
- Add this unique information type to your normal ESI[TRONIC] 2.0 subscription and make your daily troubleshooting even easier than before
- If you are not yet registered for the EBR information type, the complete database listing of known fixes will be locked until the EBR license has been activated
- To benefit from the new ESI[TRONIC] 2.0 EBR information type, please contact your local sales agent.

**ONE YEAR**
- MASTER PACK: 356 77 1800 + 356 77 1580
- **WEEKLY FROM ONLY £1,330.00**
- **ONLY £6.70†**
- **SAVE £603**

**THREE YEAR**
- MASTER: 356 77 1810 + 356 77 1590
- **WEEKLY FROM ONLY £3,326.00**
- **ONLY £16.76†**
- **SAVE £603**

**THE NEW INFORMATION TYPE FOR ESI[TRONIC] 2.0**

**USERS FIND THE RIGHT SOLUTION WITHIN SECONDS – EVEN FOR CHALLENGING TROUBLESHOOTING**

**CONTINUOUS IMPROVEMENT**

**Feedback function**
- The feedback function at the bottom of each repair instruction allows you and other ESI[TRONIC] diagnostic experts to rank and view the ratings of the selected solution. This indicates how popular the solution is and makes the search even simpler with the most common solutions listed at the top.

*Requires TSB/Master Pack Subscription

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PICO AUTOMOTIVE DIAGNOSTICS KITS
EVERYTHING FOR THE AUTOMOTIVE DIAGNOSTIC EXPERT

The Pico Automotive Diagnostics Kits work with your PC to measure and test virtually all of the electrical and electronic components and circuits in any modern vehicle including:

- Ignition (primary and secondary)
- Injectors and fuel pumps
- Starter and charging circuits
- Batteries, alternators and starter motors
- Lambda, airflow, ABS and MAP sensors
- Electronic throttle control
- CAN bus, LIN bus and FlexRay
- and more!

**PICO MASTER KIT IN FOAM TRAYS PQ040**
355 77 9580

**WEEKLY FROM ONLY**: £21.08†
**ONLY**: £4,182.00

**PICO MASTER KIT IN PLASTIC CARRYCASE PQ039**
355 77 9590

**WEEKLY FROM ONLY**: £20.54†
**ONLY**: £4,075.00

**PICO ULTIMATE MASTER KIT IN ROLL CAB**
355 99 4070

**WEEKLY FROM ONLY**: £23.94†
**ONLY**: £4,750.00

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**AVL DITEST SCOPE 1400**
Digital, high-resolution 4-channel scope module for signal capture in motor vehicles. The retrieval of measurement results via connection to PC or tablet.

**STANDARD SET**
355 99 0470

- AVL DITEST Scope 1400 Modul
- Power supply with cable
- USB cable
- 4 x cable URD
- 4 x test probes black
- 4 x test probes red
- 4 x crocodile clips red
- 4 x crocodile clips black
- Stimuli wire set
- Current clamp I100 Standard
- Current clamp I1800
- CD manual
- Transport case
- Packing

**WEEKLY FROM ONLY**: £10.05†
**ONLY**: £1,995.00

**HIGH END SET**
355 99 0480

- AVL DITEST Scope 1400 Modul
- Power supply with cable
- USB cable
- Cigarette lighter and vehicle battery supply
- Cable URD
- 4 x test probes red
- 4 x test probes black
- 4 x crocodile clips red
- 4 x crocodile clips black
- Stimuli wire set
- Current clamp I1500 High End
- Current clamp I1800
- Temperature sensor -20° to 200°C
- Pressure sensor -1bar to 100bar
- Trigger clamp
- KV clip
- CD manual
- Transport case
- Packing

**WEEKLY FROM ONLY**: £16.10†
**ONLY**: £3,195.00

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Prices correct at time of going to press: November 2018.
AUGOLOGIC DRIVEPRO

THE LATEST INNOVATION IN DIAGNOSTICS

DrivePRO is a multi-function diagnostics platform that combines Autologic’s diagnostic software with expert technical support from our OEM-trained master technicians.

ENHANCED DIAGNOSTICS

Autologic’s industry-leading diagnostic software makes for fast and reliable fault identification.

ENHANCED FUNCTIONALITIES INCLUDE:

- Fault read/clear
- Global fault read/clear
- Printable vehicle fault report
- Service interval reset
- Live data and actuations
- Electronic brake pad replacement
- Diesel particulate filter DPF reset
- Selective catalytic reduction SCR reset
- Steering angle calibration
- Ride height calibration
- Engine adaptation reset
- Key coding and remote adaptation
- Technical help files

AUTOLOGICLIVE TECHNICAL SUPPORT

Use AutologicLive alongside your DrivePRO to experience unlimited expert guidance and symptom-driven advice at the push of a button!

- Our DrivePro platform allows us to see what you see from our Tech Support Centre in real-time.
- Complex repairs and module replacement made possible with live access to our Master Technicians.
- Talk directly to our software engineers and benefit from real-time updates.

FLASH PROGRAMMING AND CODING

Code and program new parts using either:

- Built-in Autologic diagnostic software
- Remote flash programming services available through RAP®

AUTOLOGIC DRIVEPRO

355 99 8010

WEIGHTLY FROM ONLY £30.24†

AUTOLOGIC 12 MONTH SUBSCRIPTION

(PAY BY DD*)

356 77 2560

WEIGHTLY FROM ONLY £14.21†

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Prices correct at time of going to press: November 2018.
HELLA GUTMANN MEGA MACS PC
355 77 5520 + 356 77 6750
- Suitable for your Windows netbook, PC or Tablet
- Comprehensive in-depth vehicle coverage
- Equipped with PassThru® technology
- DOIP capable

01827 838 477
BRANCHES NATIONWIDE

MEGA MACS 42SE
355 77 4350
- Compact and lightweight diagnostic tool
- Comprehensive in-depth vehicle coverage
- Equipped with PassThru® technology
- Comes complete with Bluetooth adapter for remote printing and a docking/charging cradle
- Comprehensive on-board technical data
- DOIP capable

MEGA MACS 56
355 77 4720
- Wi-Fi and Bluetooth connectivity enable wireless printing. Downloads technical data quickly and easily even whilst in use.
- PassThru® ready
- HGS Technical Data technical data included
- Comprehensive on-board technical data
- DOIP Compatible
- Upgradable to 2 modules

MEGA MACS 77
355 99 7710
- 15.6” full-HD touch screen - enables easy multi-tasking
- Real-time repair concept - means you have a master technician at hand
- Precise measuring technology with step-by-step instructions and automatic comparison of specified and actual values
- DOIP Compatible
- Parallel indication of up to 16 vehicle parameters
- Vehicle-specific repair tips based on trouble code
- Includes docking station for secure charging and convenient connectivity.

† Finance example typically based on a 5 year lease purchase agreement. Finance subject to status, full terms and conditions available on request. Other finance options available. All prices exclude VAT at 20%.

Prices correct at time of going to press: November 2018.
TEXA is a global leader in the design, development and production of multibrand diagnostic tools, exhaust gas analysers, air conditioning service stations and telediagnostic devices for cars, bikes, trucks, boats and farm machinery.

To support both our customers and distributors TEXA UK offer the TEXAEDU training programme, which to date has been attended by over 475 workshops, and additionally our Technical office provides telephone technical support direct to over 700 workshops via the Tex@Info service.

TEXA AXONE 5 CAR/ LCV (NANO S VCI)  
355 99 2450  
Package Contents  
- Axone 5 Including IDC5a PLUS Car Software  
- Navigator Nano S  
- OBD Extension cable  
- Including 1 Year Car Texpack and 2 Years Warranty  

**WEEKLY FROM ONLY £11.34† ONLY £2,250.00**

TEXA CAR/LCV (NANO S VCI)  
355 99 2430  
Package Contents  
- Axone NEMO including IDC5 Premium CAR & SUPERCAR Software - Navigator Nano S  
- Axone Nemo Stand  
- OBD Extension Cable  
- Including 1 Year Car Texpack, Tex@info & 2 Years Warranty  

**WEEKLY FROM ONLY £20.13† ONLY £3,995.00**

TEXA NEMO CAR/LCV/SUPERCAR INCLUDING TXT VCI + TPS TPMS 12 MONTHS  
355 99 2590  
Package Contents :  
- Axone NEMO IDC5 Premium Car and Supercar Software  
- Navigator TXTs  
- TPS  
- Axone Nemo Stand  

**WEEKLY FROM ONLY £22.18† ONLY £4,400.00**

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### Diagnostics

**GO TO PAGE 17 FOR BATTERY SUPPORT**

#### LAUNCH EURO TAB

**355 77 8080**

The LAUNCH EURO TAB is a diagnostic tool with wide car model coverage, powerful test function, abundant special functions and accurate test data. The tool supports all ECUs on 12V car models with computer controlled fuel-injected engines, covering thousands of car models from more than 70 car manufactures from Europe, America and Asia. The machine comes complete with a Wireless Wi-Fi printer, ensuring ultimate practicality in the busy workshop.

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Docking station</td>
<td></td>
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<tr>
<td>Wi-Fi Printer</td>
<td></td>
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<tr>
<td>DBScar 5 Bluetooth Dongle</td>
<td></td>
</tr>
<tr>
<td>Pre OBD-II Adaptors</td>
<td></td>
</tr>
</tbody>
</table>

**WEEKLY FROM ONLY** £12.57†

**ONLY** £2,495.00

#### LAUNCH PRO 4

**355 99 5150**

The X-431 Euro Pro4, is a new high-end intelligent vehicle diagnosis solution developed by LAUNCH. With the new "Intelligent Diagnosis" and "cloud diagnosis" technology for the first time, X-431 Euro Pro4 makes the Auto diagnosis more intelligent and efficient, while utilising an Android operating system.

**Accessories Includes:**
- Docking station
- Wi-Fi Printer
- DBScar 5 Bluetooth Dongle
- Pre OBD-II Adaptors

**WEEKLY FROM ONLY** £9.05†

**ONLY** £1,795.00

#### LAUNCH PRO 2018

**355 99 0690**

- Comprehensive diagnostic functions for all systems
- 8” LCD Touchscreen for larger imagery
- Diagnostic software covers 77 car brands worldwide
- Live Data Stream with standard value
- Powerful reset and service functions
- Integrated search function simplifies the daily work
- Durable hand-held tablet in a protective silicon case
- Automatically identify vehicle issues with ease

**WEEKLY FROM ONLY** £6.53†

**ONLY** £1,295.00

#### LAUNCH SMOKE 1

**355 99 0560**

- Inbuilt compressor delivering 5Ltr per minute flow rate
- Powerful, providing fast test results
- Suitable for all passenger car systems (except EVAP)
- Supports UV detection for small leaks
- Smart five-minute smoke cycle
- Instant smoke generation

**ONLY** £395.00

#### LAUNCH SMOKE 2

**355 99 0570**

- Fast diagnosis and frequently set pressure related DTCs
- Inbuilt compressor delivering 10Ltr per minute flow rate
- Suitable for all passenger car systems (except EVAP)
- Includes pressure gauge and flow meter to show flow status
- Integrated smoke and air mode
- Instant smoke generation with smart five-minute cycle
- Supports UV detection for small leaks

**ONLY** £595.00

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**Diagnostics**

**MAXISYS MS906**
355 99 0300
- Smaller Entry Level MaxiSYS Tool
- Built in WiFi
- Includes 13 Pre OBDII Adaptors
- Self-Powered via the Vehicle
- One Click Update Function

**MAXISYS MS908**
355 77 0270
- Suited to Small/Medium Volume Garages
- 20 Second Boot Up Time
- Bluetooth VCI
- Includes 13 Pre OBDII Adaptors
- One Click Update Function
- Built in WiFi

**MAXISYS MS908 PRO WITH J2534 PASS-THRU DEVICE**
355 99 0270
- Advanced High End Diagnostic Tool
- Bluetooth J2534 Pass-Thru VCI
- High Level Programming on – BMW/MINI/VAG/Mercedes
- Includes 13 Pre OBDII Adaptors
- One Click Update Function
- Built in WiFi

**MAXISYS ELITE WITH J2534 PASS-THRU DEVICE**
355 99 0460
- Best of the Best
- Bluetooth J2534 Pass-Thru VCI
- Docking Station
- High Level Programming on – BMW/MINI/VAG/Mercedes
- Includes 13 Pre OBDII Adaptors
- One Click Update Function
- Built in WiFi

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HELLA GUTMANN HGS DATA
356 77 6470

The complete vehicle technical database, accessible through any internet-enabled PC, with information and repair solutions for over 38,000 vehicles.

With HGS Data you can access all the technical data you require for virtually any service or repair job, all at the touch of a button.

Technical specifications for over 38,000 vehicle models, as well as maintenance plans, engine control, ABS, airbag and thermal management data, updated repair aids and wiring diagrams are all covered

- 2 logins per subscription from any online device
- Technical data for over 38,000 vehicles
- Circuit diagrams
- Air bag, thermal management and engine control data

ONLY £499.00

AUTODATA

Autodata is the comprehensive and trusted online tool, designed to provide quick and easy access to technical information to efficiently carry out complex diagnostics and repair procedures, as well as day-to-day servicing and maintenance operations. Genuine manufacturer data, delivered in an easy-to-use and consistent format, covering 136 vehicle manufacturers and 32,000 models worldwide.

- Full service and maintenance procedures
- Data embedded directly into service schedules
- Interactive coloured wiring diagrams
- Fast and easy diagnostics and troubleshooting
- Interactive component location
- Comprehensive technical data and specifications

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
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<tbody>
<tr>
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<td>256 77 1460</td>
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<td>256 77 1690</td>
<td>£1,287.00</td>
<td>£107 25</td>
</tr>
</tbody>
</table>

- Minimum 12 month contract

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Battery Support

GYSFLASH BATTERY SUPPORT UNITS

- Provides instantaneous current of up to 100A support the vehicle during key on/off diagnostic work
- Adjustable voltage range 12-14.8V
- Advanced charger for 12V Lead Acid, GEL and AGM/EFB Batteries
- 9 step charging curve ensures maximum battery performance and longevity
- Protection of the vehicle’s on-board electronics

GYSFLASH 100:12HF
2.5M CABLES
355 77 8370
ONLY £599.00

GYSFLASH 100:12HF WITH CUSTOM TROLLEY
5M CABLES
355 77 6510
ONLY £799.00

GYSFLASH 102:12 HF WALL MOUNTED
5M CABLES
355 99 0510
ONLY £699.00

BOSCH BATTERY SUPPORT UNITS

45A or 90A – universal battery chargers for all lead acid battery types and new Li-ion – Lithium Iron Phosphate

- 12V /24 V for cars and trucks with automatic selection
- Fully automatic charging characteristics – Universal for all battery types (UNI) and specific characteristics for WET, AGM, GEL, EFB and LFP and soft charging phase for deeply discharged batteries (automatic)
- Backup mode maintaining current supply to buffer data during battery replacement
- Floating mode which keeps SOC of the battery and stabilizes vehicle electrical systems (engine is off)
- HMI with a dot matrix display
- Electronic protection management system
- USB port for Software updates
- Exchangeable charging and power cord cables
- Charger holder for wall mounting

BOSCH BAT 645 - 45A
355 99 6190
ONLY £740.00

BOSCH BAT 690 - 90A
355 99 6200
WEEKLY FROM ONLY £6.05†
ONLY £375.00

POWERVAMP MR26 BATTERY STARTER PACK

592 77 2250

High powered 12V Starter Pack for frequent, everyday professional use. Suitable for multi-starting all petrol engines and large diesel engines.

- Anti-surge protection ensures against overloading sensitive electronics
- Internal 3 stage 2.3amp charger
- Detachable 2m heavy duty cable set for easier handling and long-term replacement
- Reverse polarity audio warning
- Shatterproof case for rugged handling

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LAUNCH CAT501S
590 00 1060

The CAT-501S offers a range of automatic functions to exchange transmission fluid with minimal fuss and involvement. May also be used in a manual operation. The CAT-501S is supplied with a full set of connectors.

- 5" LCD display
- Oil exchange and level adjustment
- Print out the procedure and more vehicle data
- Monitoring of oil temperature
- Monitoring of oil pressure
- Empty fluid tank without disassembly
- Choose between 68 pieces universal adapters kit and bespoke UK adapters kit
- Online database access included
- 2 year warranty

ATE FB30SR
590 01 1290

Specification as per FB30 but added advantages include

- Base plate prevents unsightly scratches caused by brake fluid cans
- Large wheels at the front and swivel casters at the rear make safe and convenient manoeuvring even with a full 30L can
- Fast and effective work through fixed pressure stages
- Manual selection of pressure between 0.4 - 3.5 bar depending on the application
- Suitable for all common brake and clutch systems
- Can be operated with all standard mains voltages
- Constant working pressure thanks to electronic pressure control EDR
- Different brake fluid cans can be used
- Base plate protects against scratches
- Automatic switch-off and acoustic warning signal when can is empty
- Signal lamps for the respective operating states
- Holders for power cable, filling hose and six bleeding spigots
- Supplied with universal adaptor that meets most popular vehicles

ATE BLEEDER ADDITIONAL ADAPTORS SET
590 01 0580

Set of four of the most common standard bleeding unit adaptors for Asian vehicles and cap screws for fluid reservoir in a handy plastic case.

ONLY £779.00

Launched CAT501S

ONLY FROM ONLY £14.09
WEEKLY £2,795.00

ATE FB30SR

£14.09† WEEKLY FROM ONLY £2,795.00

£779.00

£265.00

LAUNCH CAT501S

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Alignment

LIFTMASTER SPHERE
3D WHEEL ALIGNMENT SYSTEM
587 77 2160

Alignment readings in less than 90 seconds
- No run out compensation required
- Bluetooth transmission between sensors and cabinet
- Completely wireless – can be used on more than one lift, over a pit on the workshop floor
- No camera post required allowing full use of floor space and perfect for narrow spaces

4 wheel alignment system comes complete with:
- Premium cabinet housing PC, keyboard, printer, storage charging dock for cameras, 3 Point Quick Clamps & 22" TFT Monitor

WEELY FROM ONLY £65.51†
ONLY £12,999.00

DIGITAL TYRE TREAD PROFILER – STAND ALONE VERSION
587 77 2360

Package includes:
- Set of 2 profiler platforms, including run-up and run-off ramps
- Cable covers
- Control unit with PC, 19” monitor and printer

Features include:
- Automatically detects the tyre wear as vehicle drives through
- Quick diagnosis of tyre conditions
- Tyre profiler consists of two drive through platforms equipped with stereo cameras and a laser blade illuminator (red light)
- The system analyses two pictures taken from the cameras to measure the tread pattern and detects a section of the wheel rotation surface by epipolar geometry

Choose your set up
- 1. STANDALONE
- 2. CONNECTED TO RECEPTION PC
- 3. CONNECTED TO EXISTING COMPATIBLE ALIGNER PC

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* Lift available as additional purchase.
Alignment

BENDPAK 4 POST ALIGNMENT LIFTS – ROBUST AND RELIABLE

- Electric / hydraulic power system with single hydraulic cylinder mounted underneath platform – less to go wrong
- Available with single phase or 3 phase electric motor at no additional cost with two power unit locations
- Platforms accommodate narrow and standard vehicles
- Push-button pneumatic safety release from multi-position safety locks in each column
- Longer approach ramps for low-ground clearance vehicles (HDS14, 14X, 14LSX & 14LSXE)
- Wheel alignment lifts available (HDS14LSX & HDS14LSXE)
- 2 year warranty

ADD A JACKING BEAM FROM ONLY £695 EXTRA

HDS14LSX 6.35TON
4 Post alignment Lift with 5054 mm platforms
578 77 0090
WEEKLY FROM ONLY £29.99† FROM ONLY £5,950.00

HDS14LSXE 6.35TON
4 Post alignment Lift with 5816mm platforms
578 77 0000
WEEKLY FROM ONLY £32.73† FROM ONLY £6,495.00

HOFMANN MEGAPLAN GEOLIFT 4200 ALIGNMENT LIFT
578 77 0660
The Geolift 4200 comes with 970mm long drive on ramps, this means the lift easily accommodates low profile cars. Supplied with a 2.5T jacking beam fitted as standard to give a wheel free operation.
- Electro-hydraulic operation with synchronization cables means the platforms stay perfectly level with each other.
- Air locking release offers instantaneous control and fail-safe reliability.
- Front wheel stops can easily be replaced by optional drive-off ramps.
- Available with 1 phase or 3 phase motor

Combine Geolift with Sense Ultra Package on page 21

ALIGNMENT SCISSOR LIFTS

- Electro-hydraulic operation
- 4 choices of lifting capacity (3500 - 6000 Kgs)
- 2 choices of platform length (4600 or 5500 mm)
- Large platforms and sturdy structure
- Mechanical locking device with automatic engagement and pneumatic release
- Hydraulic levelling system
- Platforms for total Wheel Alignment
- Please note that the radius plates are not included, but available as an optional extra
- Surface mounted or recessed installation
- Available with Secondary Scissor Lift (SS)

LES46A 3.5T
581 77 1630
WEEKLY FROM ONLY £50.37† FROM ONLY £9,995.00

LES46SSA 3.5T WITH SECONDARY LIFTING
580 77 0980
WEEKLY FROM ONLY £65.49† FROM ONLY £12,995.00

LES55A 5T
581 77 0380
WEEKLY FROM ONLY £57.43† FROM ONLY £11,395.00

LES55SSA 5T WITH SECONDARY LIFTING
581 77 1620
WEEKLY FROM ONLY £73.05† FROM ONLY £14,495.00

ADD A JACKING BEAM
FROM ONLY £695 EXTRA

*Seek advice if intending to use with roll-back type aligners.

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01827 838 477
BRANCHES NATIONWIDE
The Megaline Ssense Ultra is the first system to include technology designed not only to carry out alignment, but to actually help you sell alignment and tyres!
The ingenious hand-held 3D TreadReader device allows the technician to grab a full appraisal of the tyre condition in seconds, providing an on-screen or printed report advising on adverse wear and the need for alignment.

**HD MEGALINE SSENCE 600 3D WHEEL ALIGNER**

The super-advanced 600 HD, comes with 32” display and automatic camera bar. You can be guaranteed a product that will earn you thousands of pounds in valuable extra revenue and keep your workshop at the cutting edge of wheel alignment geometry.

- **NEW:** More accurate HD cameras
- Less light pollution due to sharper imagery
- Works in a range of lighting situations including low light and ‘glaring’ sun
- Most precise results
- **NEW:** Smaller, lighter targets
- Works with a greater number of lifts
- Easier to position, easy to use
- **NEW:** Updated interface with intuitive search function
- Even less light pollution due to sharper HD images
- Large 32” monitor
- Fully-Automatic camera boom
- Includes Autodata database
- Includes mechanical turnplates
- Latest alignment technology

**TREAD READER**

- World’s first alignment system with integrated ‘pre-check’ tool to sell your customers both alignment and tyres
- Hand-held tool which you simply scan over the tyre, and it provides an instant 3D rendering of the tyre on the connected display.
- On-screen or printed report will give a simple Red, Amber, Green verdict along with any diagnosis such as misalignment, under/over inflation, low tread etc.

**WEIGHTLY £65.49†**

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Prices correct at time of going to press: November 2018.
Alignment

JOHN BEAN V2200
587 77 0050
Patented 3D imaging technology provides accurate and real-time measurements which improves productivity.
User-friendly features such as EZ Toe, VODI and an extensive vehicle specification database delivers customer satisfaction, ease of use and accuracy.

- Motorised camera boom
  The camera height adjustment is motorised providing ergonomic and time saving advantages
- VODI (Vehicle Orientation Directional Indicators)
  Monitor out of sight when making adjustments? VODI can provide a secondary visual allowing you to complete a job without stopping
- Fast readings
  The V2200’s software, manufacturers’ specifications and customisable options allow for full four-wheel alignment readings to be recorded in just minutes
- Elevated adjustment
  This function allows for live adjustment of suspension components when in an elevated position, saving you time and making your job easier
- Alignment report
  Print colour reports for your customers. The before and after illustration can help you communicate the benefits of wheel alignment simply and clearly

WEEKLY FROM ONLY £44.83†
ONLY £8,895.00

V2200 + 4TON 5.2M ALIGNMENT LIFT PACKAGE
587 77 182P
WEEKLY FROM ONLY £85.65†
ONLY £16,995.00

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User-friendly features such as EZ Toe, VODI and an extensive vehicle specification database delivers customer satisfaction, ease of use and accuracy.

- EZ Toe
  Turn the front wheels and access difficult adjustment points while still displaying centred toe readings
- Adjustment modes
  Have access to a wide range of adjustment modes, including A-arm and cradle adjustment
- Measurement options
- Extensive database
- Wheel clamps
  The V2200 has universal wheel clamping up to 26" (with additional adaptors)
ALIGNMENT

LITE ALIGN 450 WALL MOUNTED
587 77 002P
Wall mounted car and light commercial four wheel laser aligner kit.
Includes two front laser heads, two rear flag units, brake pedal depres sor, steering clamp, turn discs, wall mount rack and 100mm rim buttons.

WEEKLY FROM ONLY £8.32†
ONLY £1,650.00

LITE ALIGN 450 WALL MOUNTED WITH MAGNETIC CASTER CAMBER GAUGE
587 77 064P
Wall mounted car and light commercial four wheel laser aligner with magnetic caster camber gauge. Includes two front laser heads, two rear flag units, brake pedal depres sor, steering clamp, turn discs, wall mount rack and 100mm rim buttons.

WEEKLY FROM ONLY £10.05†
ONLY £1,995.00

LITE ALIGN LA650
587 77 1390
Computer 4 Wheel Laser Aligner*
• Fits on practically car and light commercials, 12” to 22” wheels as standard (depending on tyre size – optional larger head and rim buttons also available)
• Ultra-low measuring position on front heads (enables use on vehicles with low body clearance)
• Measures: Individual Toe, Set Back, Caster, Camber, Thrust Line and Steering Wheel Position

WEEKLY FROM ONLY £19.03†
ONLY £3,775.00

HOFMANN MEGAPLAN ECOLINE 58/88 – FULLY COMPUTERISED WHEEL ALIGNMENT WITH A4 PRINTER
Bridging the gap between laser alignment and fully computerised systems with printout, which traditionally made the jump too big for many workshops.

ECOLINE 58/88 FEATURES
• Simple to use – faster readings, saves time increasing your profit
• Supplied with PC, 19” monitor – clear impressive graphics with on-screen instructions
• Onsite training – your machine, your premises Hofmann Megaplan’s specialists
• Comprehensive Vehicle Database by Autodata – over 17,000 models from 80 manufacturers
• A4 Printer – Provides before and after readings for customers
• Traditional 4-Point Clamps (58 only) – handles up to 23” rims as standard
• Front Cameras and Rear Sensors – increases accuracy and repeatability
• Zigbee® wireless communication – offers stronger and more reliable signal over Bluetooth®

ECOLINE 88 ONLY FEATURES
• 3 Point ‘Grab Clamps’ – even faster mounting, saves more time
• Front & Rear Cameras – ideal for advanced geometry when speed is needed

ECOLINE 58
587 77 1340
WEEKLY FROM ONLY £21.65†
ONLY £4,295.00

ECOLINE 88
587 77 127P
WEEKLY FROM ONLY £29.21†
ONLY £5,795.00

* Computer not included

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AUTO EDUCATION ACADEMY

The Auto Education Academy provides technical training and support to the automotive industry. This is supported through our industry leading technical information resource.

- It’s a helpline when you need it
- It’s a Diagnostics database and reference library when you need it
- It’s a training course when you need it

TECHNICAL SUPPORT & HELPLINE

- “It’s like putting a team of Master Technicians in your Workshop, whenever you need them”
- The Technical Helpline provides troubleshooting, repair and diagnostics assistance and technical information on any vehicle, any manufacturer.

VEHICLE TROUBLESHOOTING DATABASE

VTS is an online diagnostic database and reference library that gives access to a database of over half a million technical queries resolved over the last 10 years.

With an average of 600 repairs added each day – over 100,000 issues were resolved last year – the database is constantly growing and becoming increasingly sophisticated, learning multiple root causes of problems, fault codes and failures.

Vehicle Troubleshooting is a compliment to the hotline. Your diagnostic database and reference library, providing access to over 50 thousand technical queries, which have been resolved over the last 10 years. The database is constantly growing and becoming increasingly sophisticated as it learns multiple root causes of problems, fault codes and failures, so it’s always up-to-date.

As an Auto Education Academy member, you have unlimited access to VTS, putting all this knowledge at your fingertips, helping to diagnose problems and achieve a repair quickly.

MEMBERSHIP

Auto Education provides its members with fast, easy access to the technical information and training they need to stay at the forefront of technology and give them a competitive edge in the marketplace. Or, more simply, we put a team of master technicians in your workshop, whenever you need them. There is a price to pay for such an advantage but it’s a lot lower than you might think. Auto Education Membership is available by annual subscription, paid monthly in instalments. Contact your local branch or visit www.autoeducationacademy.com to register.

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Prices correct at time of going to press: November 2018.

01827 838 477
BRANCHES NATIONWIDE
Established in 1998, Autoeducation is the leading aftermarket technical training provider with the most comprehensive range of courses available in the UK. Our technical courses cover all of the key subjects and are regularly updated to keep pace with changing technology.

In 2014, Autoeducation was granted the status of IMI Awards Approved Centre, allowing us to not only deliver class leading technical courses, but also award accreditations to successful candidates on certain subjects, including Hybrid, MOT Tester, MOT Centre Manager, Level 3 Light Vehicle Inspection and Refrigerant Handling.

Widely regarded as The Industry Standard in Automotive Training and Accreditation, Autoeducation is proud to be associated with the IMI.

Subjects include:
- Hybrid
- Engine Management
- DPF & Catalytic Converters
- Common Rail Diesel
- ADAS
- Airbags & Supplementary Restraint Systems
- Smart Charge Systems
- Can Bus
- Oscilloscopes
- IMI Diagnostic Technician Accreditation
- IMI Master Technician Accreditation

MOT TRAINING & ANNUAL CPD

In addition to technical training, Autoeducation also offers a full range of MOT courses for new testers and Centre Managers, including a Level 3 qualification in Light Vehicle Inspection, which is now the minimum requirement in order to become an MOT tester. For existing MOT testers, Autoeducation offers easy to use annual E-Learning CPD to keep up to date with the latest test procedures and requirements.

FOR OUR FULL RANGE OF TRAINING COURSES AND AVAILABILITY, PLEASE CONTACT US DIRECTLY ON 0845 600 6048

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Class IV 4 Post Packages

HOFMANN MEGAPLAN

• Standard 2 year warranty on all MOT equipment.
• Extended warranties are also available.
• Optional Care packages available up to 5 years, giving you complete peace of mind.
• Choice of lifts to fit every project from four post through to scissor. All are available in various platform lengths and can fit Recessed, Surface mounted or pre prepared pits.
• Lifts available with or without wheel alignment to allow for duel revenue.
• **Combined Smoke & Gas Emission analyser included**
• Free DVSA application support including CAD drawings and full project management from point of order to your first MOT, all done in house.

*Installation to a prepared site, excludes building/electrical works, warranty is subject to maintenance, exclusions apply.

**WEEKLY FROM ONLY** £132.65†
**ONLY £26,320.00**

LIFTMASTER

• Headlamp beam tester available with visual or laser alignment
• Choice of nine 4- Post Lifts available for 2 Man, ATL & OPTL Testing with different platform lengths allowing to test a wider range of vehicles
• Lifts can be recessed or surface mounted
• Lifts available with or without wheel alignment
• All power controls located on driver-side front post (UK)
• Recessed front radius plates and play detectors (on ATL & OPTL lifts)
• Analogue Brake Testers available for 2 Man & OPTL Testing
• Computerised Brake Testers available for ATL & OPTL Testing
• Standard 2 year warranty on all MOT equipment.
• Extended warranty available

*Not including emission analyser.

**WEEKLY FROM ONLY** £107.09†
**ONLY £21,249.00**

BRADBURY

• Wide range of atl lifts available featuring platform lengths of 4360mm - 6210mm & lifting capacities of 4.0 Tonne - 6.5 Tonne
• In-house CAD drawing team on hand to bring your garage equipment vision to life
• Laser headlamp aligner/ Air play detector
• Tablet and Wireless Emissions Analyser Included
• FREE 12 months calibrations/ 3 year warranty
• Free on-site survey & free VOSA application support
• Free delivery to UK mainland & free installation to a prepared site

*Not including emission analyser.
**Installation to a prepared site, excludes building/electrical works, warranty is subject to maintenance, exclusions apply.

**WEEKLY FROM ONLY** £110.62†
**ONLY £21,949.00**

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Prices correct at time of going to press. November 2018.
**BEST CHOICE, BEST BRANDS, BEST PRICES**

Class IV 4 Post Packages

**WERThER**
- 4 post and scissor lift options, including 6.5 metre extra-long platforms
- ‘V block’ hydraulically operated wheel play detectors
- Galvanised heavy duty roller brake tester with 4WD application as standard.
- Space saving brake tester integration to Emissions station, or stand alone
- Duel revenue (rear slip plates for wheel alignment) available
- Optional brake tester pit frame available
- Patented emission testing technology (one calibration per year)
- Laser aligning Headlamp beam tester as standard
- 2 year warranty

WEEKLY FROM ONLY £105.83†
ONLY £20,999.00

**CRYPTON**
- NEW! 6.5m 4-Post lift now available
- NEW! 4-post lifts now in an attractive modern grey to blend in with existing workshop equipment
- Wireless wheel play detectors for complete flexibility (scissor ATL lift only)
- Innovative jacking beam position to guarantee a smooth movement and long working life (scissor ATL lift only)
- Attractive checker plate surface for maximum protection against corrosion (lifts only)
- **Combined Smoke & Gas Emissions Analyser included**
- Optional: 5 years extended care package
- 3 years warranty included

WEEKLY FROM ONLY £125.99†
ONLY £24,999.00

**JOHN BEAN**
- Completely wireless ATL bay that can be operated via a hand-held tablet as well as through the emissions analyser
- The tablet can be used to enter the results for the individual tests on the new online DVSA form as well as it driving the brake and emissions test. It also controls the optional wheel alignment systems
- Lifts available in 4000kg (5.2m platform length) and 5000kg (5.7m platform length) in standard MOT, Automated Test Lane and wheel alignment options
- Integrated rear slip plates come as standard
- Integrated suspension and steering joint play detectors
- Follow-up visit six weeks after install

WEEKLY FROM ONLY £135.57†
ONLY £26,899.00

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*Not including emission analyser.

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*Not including emission analyser. **Installation to a prepared site, excludes building/electrical works, warranty is subject to maintenance, exclusions apply.

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Prices correct at time of going to press: November 2018.
OPTL Packages

OPTL Packages

A One Person Test Lane requires a lift equipped with play detectors. Originally, the OPTL option was only designed as an upgrade to the traditional 2-man test lane when equipment was ready for changing, or to improve the profitability on labour costs. However, nowadays, OPTL lift and brake tester packages are sometimes the first choice for a new site as they offer, in exchange for some reduced functionality in the brake tester, some cost savings against a full ATL lift and brake tester package.

An OPTL brake tester is not equipped with the axle weighing capability of a full ATL brake tester.

Configure your OPTL Package

1. CHOOSE YOUR LIFT

<table>
<thead>
<tr>
<th>4 POST LIFTS</th>
<th>SCISSOR LIFTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Class IV available with platform lengths 4300mm, 4600mm, 5200mm</td>
<td>• Class IV available with platform lengths 4300mm, 4600mm, 5200mm</td>
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<tr>
<td>• Class VII available with platform lengths from 5200mm, 5700mm, 6500mm</td>
<td>• Class VII available with platform lengths 5200mm, 5700mm, 6500mm</td>
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2. CHOOSE YOUR BRAKE TESTER

<table>
<thead>
<tr>
<th>STANDARD</th>
<th>COMPUTERISED</th>
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</thead>
<tbody>
<tr>
<td>• Standard Brake Tester – dials and no weighing</td>
<td>• Computerised Brake Tester – electronic monitor and no weighing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CLASS IV 4 POST OPTL PACKAGE</th>
<th>CLASS IV SCISSOR OPTL PACKAGE</th>
<th>CLASS VII 4 POST OPTL PACKAGE</th>
<th>CLASS VII SCISSOR OPTL PACKAGE</th>
</tr>
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<tr>
<td>WEEKLY FROM ONLY £95.75†</td>
<td>WEEKLY FROM ONLY £120.93†</td>
<td>WEEKLY FROM ONLY £120.93†</td>
<td>WEEKLY FROM ONLY £143.89†</td>
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<td>FROM ONLY £18,999.00</td>
<td>FROM ONLY £23,995.00</td>
<td>FROM ONLY £23,995.00</td>
<td>FROM ONLY £28,549.00</td>
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Emission Analysers

**CRYPTON EMISSION ANALYSER**
The best just got better! Crypton’s Combined Gas & Smoke Emissions Analyser is the best around and used by national fast-fit operators. Now includes the latest Euro 6 and DVSA software update worth £675.00

- Fully approved by DVSA & links to the DVSA online system
- Tests vehicle classes 4, 5 and 7 (petrol & diesel)
- Operates the brake tester (when purchased)
- Quality mobile cabinet
- Smoke metre with automatic calibration
- Gas analyser accurate to OIML Class 0
- Manufactured & supported in the UK
- 3 years manufacturer’s warranty
- Optional: 5 years extended care for complete peace of mind

**TECALEMIT MDS-X EMISSIONS ANALYSER**
The TGD MDS-X emission tester is a standalone modular emission tester housed in a ‘slim-line’ cabinet which is mounted on a 4 large castor wheels for increased manoeuvrability. The emission tester is operated from a wide LED screen which is mounted and secured to the cabinet. The cabinet houses the 4 gas analyser system, power supply and communication modules and provides storage for probes and hoses.

- Approved for all Classes of MOT testing
- OIML Class 00 4 gas analyser
- Diesel engine smoke tester
- Bluetooth communications
- A4 Wi-Fi direct printer
- Options including NOx testing for petrol and diesel engines
- One annual calibration on petrol and diesel engines
- Patented RPM measurement device

**PREMIER DIAGNOSTICS EMISSION ANALYSER**
The Premier Diagnostics combi-emissions analyser comes with a 3 year total care package (excluding consumables) as well as operational training. With the equipment, and the maintenance, care and warranty all taken care of, all you have to do is just test! The 3 Years total package includes DVSA software updates

Full 3 years warranty includes – parts and labour, covering all major parts including PC, Gas Bench, Smokehead, Printer, Monitor, Keyboard and Mouse, plus 3 years calibrations.

**HOFMANN MEGAPLAN I-GAS EMISSIONS**
The i-Gas Emissions Tester is a modern integrated emissions analyser concept for your MOT/ATL bay. This cost-effective and space-saving unit either operates in stand-alone mode with a tablet PC using Bluetooth technology, or alternatively it can integrate with the software of your Hofmann Megaplan roller brake tester, combining the display of information on a single device.

Integrating the set-up of the i-Gas in this way avoids the need for multiple computer packages. All you require is the mobile trolley and tablet PC with the Gas and Smoke monitoring heads OPA-100 and AGS-200, and these can communicate with the software incorporated in the roller brake tester, thereby alleviating the need for a large trolley and separate PCs.

- DVSA approved for MOT testing to new 2018 standards
- i-Gas+ gives flexibility to the user
- Laptop or tablet options
- Large screen viewing
- Portability – tablet can be viewed in the vehicle
- Space saving

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Cleaning Equipment

KARCHER NT 20/1 WET AND DRY VAC
546 99 0810

The robust, compact NT 20/1 Wet and Dry vacuum cleaner with 20-litre container reliably removes all kinds of dirt. The machine is equipped with a 20-litre container and impresses with its Easy Service Concept, low operating and maintenance costs and reliable filter technology. With its powerful 1,500 Watt turbine, the vacuum cleaner makes light work of all types of dirt. The machine is ideal for small quantities of liquids, coarse dirt and dust.

ONLY £249.00

KARCHER FLOOR SCRUBBER BR40/10
546 77 108D

- Designed for heavy duty cleaning of small to medium floors
- Features two counter-rotating brushes and two rubber squeegees, ensuring floors are thoroughly cleaned and dried in a single pass
- With vacuum system turned off, machine can be used for deep cleaning of heavily soiled floors where more scrubbing and detergent are needed

WEEKLY FROM ONLY £7.53† ONLY £1,495.00

KARCHER HOT WATER PRESSURE WASHER WITH STEAM MODE HDS6/12C
546 77 1740

- State-of-the-art compact hot water high-pressure cleaner
- Unique Eco!efficiency mode reduces diesel consumption by 20% without compromising daily cleaning performance
- Machine Protector system prolongs component life and provides a 3-year burner coil warranty
- Easy to set-up, intuitive to operate and cheap to run

WEEKLY FROM ONLY £9.05† ONLY £1,795.00

KARCHER HOT WATER & STEAM PRESSURE WASHER 240V EASYFORCE TRIGGER HDS7/10-4 M
546 77 1100

- Superb performance for daily and deep cleaning jobs.
- Eco!efficiency mode, offers fuel savings of up to 20% without compromising cleaning performance
- 4-pole motors for high performance and long life
- On-board diagnostics, and 3-year burner coil warranty
- HDS middle class range provides toughness, cleaning power, and low running costs

WEEKLY FROM ONLY £12.07† ONLY £2,395.00

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01827 838 477
BRANCHES NATIONWIDE
Cleaning Equipment

KARCHER PUZZI 8/1 C PRO
UPHOLSTERY CLEANER
546 77 8010

The Puzzi 8/1 C is a powerful and compact spray extraction cleaner, ideal for vehicle valeting and spot cleaning of carpeted floors. Thanks to its lightweight construction, the unit can be easily transported and due to its excellent suction power, the Puzzi 8/1 C leaves carpets and upholstery virtually dry to touch in minutes.

- Motor - 1200W (240V)
- Air Flow - 61 l/s
- Capacity - 8+7 Ltr Tank

ONLY £399.00

NILFISK HOT WATER AND STEAM
PRESSURE WASHER 90 BAR
965 77 1330

The MH 2C model is ideal for everyday, low frequency cleaning tasks in the automotive segment, for tradesmen or around small farms. The MH 2C combines a unique, highly mobile design with great performance levels and ground breaking features from the larger MH lines.

- EcoPower boiler with >92% efficiency and reduced fuel cost
- Robust steel frame
- Compact, vertical design reducing storage footprint

WEEKLY FROM ONLY £8.06†
ONLY £1,599.00

NILFISK COMPACT MOBILE
HOT WATER HIGH PRESSURE WASHER
WITH VERTICAL DESIGN MH 1C
965 77 1320

The MC 1C is a compact and very mobile hot water machine, with a unique vertical design. The vertical design gives a reduced footprint and makes transport and storage easier. Ideal for tradesman and small-scale agriculture and garages.

- EcoPower boiler with >92% efficiency and reduced fuel costs
- Robust steel frame
- Compact, vertical design reducing storage footprint

WEEKLY FROM ONLY £6.04†
ONLY £1,199.00

NILFISK HOT WATER STEAM
PRESSURE WASHER 100 BAR
965 77 1340

The MH 4M series takes mid-range hot water high pressure washers to a new level, meeting the latest productivity demands in the market

- High efficiency 4 pole motors
- EcoPower boiler with EcoMode function
- Brass pump head
- Flow or Pressure activated unloader system
- Diesel oil tank with level sight

WEEKLY FROM ONLY £10.07†
ONLY £1,999.00

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CHOOSING THE RIGHT TYRE CHANGER AND WHEEL BALANCER

Don’t be tempted to buy the cheapest package before considering the options. Think more about the type of wheels and tyres rather than the volume, one damaged rim can be the difference in the price of a more suitable model.

TYRE CHANGERS

Internal and External clamping – external clamping size is most important, as it is less likely to mark or damage wheels. Internal clamping offers a larger capacity but will mark the alloy rim.

Traditional Lever or Lever-less – lever-less machines will offer a far safer and easier handling of very tough tyres, putting less strain on both machine and operator.

Bead breaker – traditional ‘blade’ or ‘shovel’ bead breakers can be basic, and are a compromise. Dynamic bead ‘looseners’ (rollers) are good on stiff side-walled tyres but not so effective with traditional, regular tyres. Some machines now offer a traditional ‘blade’ bead breaker but with added settings to make them suitable for all tyres, these are becoming increasingly popular.

Interchangeable demount heads – a means of being able to change the demount tool to cater for the particular style of rim or tyre. Whilst this is much better than using one demount tool for all applications, lever-less is slowly starting to take over as the preferred method of catering for everything.

WHEEL BALANCERS

Manual, 1D, 2D, or 3D Data Input – the balancer needs to know 3 parameters of the wheel (width, diameter and offset), and the ability for this to be automatically taken effects the accuracy and speed of use, manual being the slowest and most prone to error, and 3D being the best.

Spin Speed – The spin speed is a good indicator of the quality of a machine. A high spin speed tends to indicate a lower cost model using older technology, whereas low spin speed points towards a higher quality balancing system. Cycle time isn’t affected by speed, and the common misconception is that if it spins faster the cycle time is shorter. In fact it is generally the opposite.

Adaptors – A cone is only a cheap way of universally mounting most rims, but it is not the most accurate. Best accuracy (and therefore less customer comebacks) is normally achieved by using the correct mounting adaptors in certain instances such as 4x4, high performance, classic wheels etc.

Wheel weight application – manual wheel wright application is the least reliable, simply because there is room for human error. An automatic guidance to weight placement through a laser dot (not line) or application arm, or preferably a combination of both, is the most reliable method.

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Wheel Service – Low Volume

PRICES INCLUDE DELIVERY AND INSTALLATION

PROWAY ELITE 220 TYRE CHANGER AND ELITE 110 WHEEL BALANCER FROM HOFMANN MEGAPLAN
583 77 093P

- Reliable and efficient design.
- Extensively tested prior to delivery.
- Operator training included.
- The ideal entry-level option.

Wheel Balancer
- Compact European Design
- Simple manual data entry
- Motorised with wheel guard
- Supplied with 3 standard cones plus additional 4x4 cone

Tyre Changer
- Single phase supply
- Fully automatic operation
- Assist arm as standard
- 22” Clamping capacity
- Double acting bead breaker

WEEKLY FROM ONLY £13.60†
FROM ONLY £2,699.00

HOFMANN MEGAPLAN ECOMOUNT 22 PLUS TYRE CHANGER AND JUNIOR LITE BALANCER PACKAGE
583 01 0130

- 10” to 24” Clamping (22” external)
- 13” rim width capability
- Fully-Automatic Operation
- Includes ‘megafit 2’ assist arm

WEEKLY FROM ONLY £14.59†
FROM ONLY £2,895.00

HOFMANN MEGAPLAN ECOMOUNT 11XL TYRE CHANGER AND JUNIOR BALANCER PACKAGE
583 01 0200

- 10” to 24” Clamping (22” external)
- 13” rim width capability
- Fully-Automatic Operation
- Includes ‘megafit 2’ assist arm

WEEKLY FROM ONLY £14.59†
FROM ONLY £2,895.00

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Prices correct at time of going to press: November 2018.
Wheel Service – Medium Volume

**PRICES INCLUDE DELIVERY AND INSTALLATION**

**JOHN BEAN B100 AND T5305**
Tyre and wheel package including tilt back tyre changer for all conventional tyres on the market, including helper arm and 10”-20” clamping range, and digital wheel balancer with 2D SAPE (semi-automatic parameter entry) for measurement of wheel offset and wheel diameter in one process.

**B100 Wheel Balancer**
- Built using the VPI measuring system for high accuracy and repeatability
- Automatic start of measurement when hood is closed and brake applied at end of spin cycle
- Intuitive control panel and display
- Split weight mode – hide weights behind wheel spokes for more appealing cosmetic finish
- Tyre matching mode – optimise tyre to rim so using less weights

**T5305 Tyre Changer**
- Pneumatic tilting column
- Table has two cylinders for improved gripping of the rim
- Side bead breaking with adjustable inclination
- Assist arm:
  - Drop centre pressing tool
  - Rim centre pushing tool
- Steel head with plastic inserts

B100
584 05 0150
WEEKLY FROM ONLY
£11.08†
ONLY £2,199.00

T5305
583 01 0140
WEEKLY FROM ONLY
£15.87†
ONLY £3,149.99

**B100 + T5305 PACKAGE**
583 01 0170
WEEKLY FROM ONLY
£34.25†
ONLY £6,795.00

**JOHN BEAN B340L AND T5545**
Tyre and wheel package including twin-speed tyre changer for all conventional tyres on the market, including helper arm and 10”-24” clamping range, and touchscreen wheel balancer with 2D SAPE (semi-automatic parameter entry) and Smart Sonar input for automatic measurement of wheel offset, wheel diameter and wheel width, plus a pinpoint laser indicator for weight placement.

**B340L Wheel Balancer**
- 10in touchscreen LCD display
- EasyWeight pinpoint laser indicator for adhesive weight placement
- EasyALU to automatically recognise the weight mode – ALU-P or steel
- QuickBal – reduced measurement 4.5 seconds (15” rim)

**T5545 Tyre Changer**
- Double-acting bead breaker cylinder
- Four self-centring turntable jaws
- Quick-inflating valve
- Outer clamping range up to 24 inches
- Pneumatic tilt back post, pneumatically locked in working position
- Re-designed assist arm suited for handling run-flat tyre systems (additional optional adaptors required for PAX and CSR)

B340L
584 77 0640
WEEKLY FROM ONLY
£20.15†
ONLY £3,999.00

T5545
583 01 0160
WEEKLY FROM ONLY
£23.86†
ONLY £4,735.00

**B340L + T5545 PACKAGE**
583 77 1160
WEEKLY FROM ONLY
£34.25†
ONLY £6,795.00

*Some run-flat tyres may require additional adaptors

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Wheel Service – High Volume

PRICES INCLUDE DELIVERY AND INSTALLATION

HOFMANN MEGAPLAN MEGAMOUNT 503XL

Fully Automatic and boasting a ‘top end’ specification, the Megamount 503XL is capable in any environment. The patented, adjustable turntable enables alloy rims up to 26” in diameter to be clamped from the outside, and the tall column and wide bead breaker opening ensures suitability for extra-wide rims up to 15”.

A bead breaker ‘stroke limiter’ for shallow-welled BMW rims and quick-release, interchangeable demount head system, with standard/run-flat, plastic and ‘raised spoke’ heads, completes the luxury specification.

- 10” to 28” Clamping (26” external)
- 15” Rim Width Capability
- Quick-Release Demount Head System for Standard/RFT, Plastic and ‘Raised Spoke’
- Includes ‘Megafit 2XL’ assist arm
- BMW/Run-Flat ‘Stroke Limiter’ as standard
- Double-acting bead breaker
- Fully-Automatic Operation

MEGAMOUNT 503XL
583 77 0410

WEEKLY FROM ONLY £21.14†
WEEKLY FROM ONLY £4,195.00

MEGAMOUNT 503XL EVO
583 77 0210
• Lever-less operation

WEEKLY FROM ONLY £26.46†
WEEKLY FROM ONLY £5,250.00

HOFMANN MEGAPLAN MEGASPIN 200V
583 05 0510

The Megaspin 200V has to offer one of the best price/performance ratios of any wheel balancer on today’s market. Fully-automatic (3D) data input is achieved using the inner measuring/weight placement arm and Hofmann Megaplan’s revolutionary IWA (Intelligent Width Assessment) software.

Values are displayed live on the full colour TFT display. The displayed graphics will guide the operator to the designated weight placement position, as well as delivering what is probably the simplest, fastest method of ‘split weight’ (hiding the weights behind the spokes) ever.

- 3D Fully-Automatic Data Input via IWA
- Colour TFT Display
- Can handle rims up to 30” diameter
- Simple, speedy operation
- 4 years PCB Warranty

WEEKLY FROM ONLY £13.10†
WEEKLY FROM ONLY £2,599.00

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HOFMANN MEGAPLAN MEGAMOUNT EASY
583 77 0420

The Megamount Easy represents an alternative style of tyre changer, where manual effort is reduced to a minimum, and the emphasis is on larger rims fitted with low profile tyres. An integral wheel lifter makes light work of the heaviest assemblies, and the centre post clamping with the simple and speedy ‘Smart Lock’ ensures there is no contact with the outer edge of the rim. The famous Hofmann Megaplan ‘Evolution’ lever-less system is enhanced with the new ‘Lever No Lever’ design, which enables the operator to switch between lever-less operation and traditional lever & demount head at the flick of a switch.

Unlike many other ‘Next Generation’ tyre changers on the market, the EASY was designed with one major focus; simplicity. In every element of the tyre fitting and removal process, the directive has been to ensure that operation remains simple, minimising the number of controls and functions – Easy by name, and Easy by nature.

- 10” to 30” Clamping Capability via Centre Post method with ‘Smart Lock’
- Lever No Lever system enables dual lever-less or traditional levered fitting as preferred
- Integral wheel lifter
- Dynamic bead breaking system via roller
- ‘Next generation’ tyre changer design

WEEKLY FROM ONLY £30.23†
ONLY £5,999.00

HOFMANN MEGAPLAN MEGAMOUNT EASY – WHEEL BALANCER

- Hand spin
- Compact design
- Manual data input
- Supplied with 3 standard cones, weight pliers and rim width calipers
- 12 months warranty

+ FREE JUNIOR LITE WORTH £1,295

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BRANCHES NATIONWIDE
HOFMANN MEGAMOUNT 813XL
583 77 1150

The Megamount 813XL’s parallel arm design offers great ease of use.

Automatic ‘locking’ ensures that the head is never at any point in contact with the rim., add to that classic (and still the best) lever-less operation and you have the ultimate system.

Other notable features include the QuadraClamp turntable, 4 cylinder turntable and brand new ‘IntelliPro’ dual assist arm system which gives the simplest, most effective, and most ergonomic twin-assist arm design ever produced since this design was invented some 20 years ago.

- Classic Lever-less Operation
- Brand new ‘IntelliPro’ dual assist arm system
- Innovative parallelogram operating arm
- Reinforced chassis and new robust fixed vertical tower
- Space saving design which does not require any additional rear and side space
- Quadraclamp patented 4 cylinders clamping turntable

WEEKLY FROM ONLY £31.49†
ONLY £6,249.00

HOFMANN MEGAPLAN MEGASPIN 420
584 77 0370

The most advanced technology the industry has seen in a wheel balancer. The combination of revolutionary new technology, incredible simplicity, and typical Hofmann Megaplan reliability makes this, in our opinion, the best value wheel balancer on the market today.

Boasting ‘No Checkspin’ technology and 6 o’clock weight positioning, the Megaspin 420 only requires the operator to select the weight position(s) and lower the hood – it’s that simple! Two laser points guide the operator to the chosen weight position, and the rim locks into position at each inner and outer 6 o’clock placement position.

There is no possibility for error, no chance of the machine throwing up an extra 5 or 10gms, and absolutely No Checkspin Required!

- Worlds’ first balancer with ‘No Checkspin’ technology
- Easier 6 o’clock weight position
- Super Automatic Data Input via sonar (touch-free)
- Laser Guided weight placement
- Handles rims up to 30” diameter
- The simplest, fastest wheel balancer ever produced

WEEKLY FROM ONLY £16.88†
ONLY £3,349.00

† Finance example typically based on a 5 year lease purchase agreement. Finance subject to status, full terms and conditions available on request. Other finance options available. All prices exclude VAT at 20%. Price, availability and specification may change without prior notice. Warranty subject to manufacturers terms and conditions of use. Errors and omissions excluded. Offers valid until 31st March 2019. Prices correct at time of going to press: November 2018.
**BOSCH KTS TRUCK DIAGNOSTIC TESTER**

- KTS Truck module for light commercial vehicles, trucks, trailers, and buses
- Sturdy housing suitable for workshop environment
- Quick and reliable diagnosis
- Software to quickly and easily troubleshoots regardless of brand or type of truck
- Compatible with DCU 100, 220 and PC or laptop for convenience in workshop
- Universal connection to PCs via USB
- Comprehensive diagnostic and troubleshooting software

**GALVANISED ROLLER SET WITH MOTORS MOUNTED UNDER ROLLERS BRAKE TESTER**

- 18 Tonne capacity
- Level raised rollers (dual direction testing)
- Splash proof roller drive 2 X 11kW motors (IP54)
- Measuring capability 4000Kgf
- 4WD Testing
- PC Control system, includes PC, 24" Monitor, Keyboard, Mouse, Printer
- Additional 24" Flat Screen Monitor Kit
- Remote access for software upgradation and diagnosis, dependent upon customer internet access
- IR remote control
- DVSA data base
- Applied brake test for parking brake
- Analogue dial or bar graph display, selectable by operator
- Tachograph test and calibration option

**JALTEST DIAGNOSTIC TESTER**

- Single brand option, upgrade to more brands at anytime
- Cables to suit brand included
- Full diagnostic capability with Linked technical information, wiring diagrams, technical data and guided diagnosis
- On-site training and handover
- 12 months software subscription
- 12 months Technical Support subscription, Vehicle Support and I.T. support teams.

**BOSCH KTS TRUCK DIAGNOSTIC TESTER**

- Weekly from only £17.39†
- From only £3,450.00

**GALVANISED ROLLER SET WITH MOTORS MOUNTED UNDER ROLLERS BRAKE TESTER**

- Weekly from only £75.59†
- From only £14,999.00

**BOSCH KTS TRUCK DIAGNOSTIC TESTER**

- Weekly from only £23.94†
- From only £4,750.00

**JALTEST DIAGNOSTIC TESTER**

- Weekly from only £17.39†
- From only £3,450.00

**JALTEST DIAGNOSTIC TESTER**

- Weekly from only £23.94†
- From only £4,750.00

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Commercial Vehicle

**JUNIOR TRUCK WHEEL BALANCER**
584 77 0680

- Excellent price / performance ratio
- Heavy duty construction
- Includes pneumatic wheel lifter
- Can handle rims up to 32”
- Single Phase

WEEKLY £15.87† FROM ONLY £3,149.00

**MEGAMOUNT 352 TYRE CHANGER**
583 77 1030

- Ideal machine for owner/operators and truck tyre specialists, especially fleet management
- Rim clamping capability up to 27” and a 1600mm O.D. (63”)
- 2 speed hydraulic chuck (3PH model only)
- Heavy duty construction
- Compact design and simple to use
- Available in 1ph or 3ph

WEEKLY £22.30† FROM ONLY £4,425.00

**TRUCKLINE 58 WHEEL ALIGNMENT**
587 77 2380

- 6 Sensors used for measuring
- Suitable for multi axle synchronised measurement
- Infra-red anti-Light pollution device as standard
- Super stable ZigBee connectivity
- No requirement to detach trailer when measuring
- Suitable for all kinds of trucks, buses as well as compatible with cars

WEEKLY £44.35† FROM ONLY £8,799.00

**MOBILE COLUMN LIFTS**

- Lifting capacities of up to 10 Tonne
- Cabled or wireless communication
- Can be expanded to 6 or 8 columns
- Electro-mechanical or hydraulic operation
- Auto lubrication of screws
- Electronic synchronisation
- Adjustable forks for small to HGV wheels (optional)

WEEKLY £56.69† FROM ONLY £11,249.00

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1 Finance example typically based on a 5 year lease purchase agreement. Finance subject to status, full terms and conditions available on request. Other finance options available. All prices exclude VAT at 20%. Price, availability and specification may change without prior notice. Warranty subject to manufacturers terms and conditions of use. Errors and omissions excluded. Offers valid until 31st March 2019. Prices correct at time of going to press: November 2018.

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Choosing The Right 2 Post Lift

If you’re thinking of introducing additional lift capacity into your workshop but have limited space, then a 2-post option may well be the way to go. There are a number of options for you to consider and you’ll find some of the key points throughout the pages of this feature.

The featured lifts are only a selection of the available options so, when you’ve had a look through this feature, why not let your local Workshop Solutions Specialist help you decide on exactly the right option for you. Just call your local branch and we’ll do the rest.

Baseplate or Baseless?

**BASEPLATE**
A lift with a baseplate has the electrics and cables or chains running across the floor, between the posts. This is commonly known as a Floorplate or H Frame setup.

**Pros:** Accommodates low workshop ceiling height and may help in overcoming poor floor conditions. No Vehicle height restriction (other than your ceiling height).

**Cons:** Intrusive when using a transmission jack and when manoeuvring vehicles over the cross member.

**BASELESS**
A baseless clearfloor lift requires the cables and hydraulics to pass over the top of the posts.

**Pros:** No Floor connections so no problems with transmission jacks or manoeuvring vehicles. Easy to keep floor clean.

**Cons:** High ceilings are required! Not suitable for large/tall vehicle work (Touch top Bar).

Mechanical Screw or Hydraulic Operation?

**MECHANICAL SCREW LIFTS**
Standard for a lot of older designs – electrically powered.

**Pros:** A vehicle on the lift does not have to go up before lowering.

**Cons:** Slower Operation, old fashioned and costly to run.

**HYDRAULIC LIFTS**
Pros: Generally Faster operation, no Regular nut replacement, simple design, cheaper electrical costs

Cons: Generally, these use ‘safety locks’ – a vehicle has to raise out of locks before lowering, which can be inconvenient for gearbox or engine work where precise placement is required – there are some exceptions.

Lift Arm Configuration Symmetrical or Asymmetrical?

**ASYMMETRIC**
Asymmetric lifts have one arm longer than the other on each post

**Pros:** Allow ease of access - opening the vehicle front doors (60/40 split)

**Cons:** The lift can only be installed facing one way. The control box can only be mounted to one post. Vehicles can only be driven on in one direction.

**SYMMETRIC**
Symmetric lifts have arms of the same length

**Pros:** Vehicles can be driven, or reversed on. Electrics to be fitted to either post.

**Cons:** May struggle to accommodate some shorter chassis vehicles

Other considerations

**LIFT ARM LENGTHS:**
Determine the range of chassis lengths the lift can accommodate.

**DRIVE-THRU WIDTHS:**
Most lifts have a set width between the posts. Some are available in two different width options, offering greater flexibility in lift positioning.

**POWER SUPPLY:**
Most lifts require three-phase supply as standard, there’s usually a premium to pay for single-phase.

**COUNTRY OF DESIGN AND COUNTRY OF MANUFACTURE:**
Some European or American designed lifts are manufactured in the Far East, others are manufactured in Europe or America.

**WARRANTY:**
How important is peace of mind? Standard warranties vary between 1, 2, 3 and 5 years.

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Prices correct at time of going to press: November 2018.
Entry Level 2 Post Lift

L4000 M/E 2 POST 4T HYDRAULIC LIFT

- Minimum pad height 110mm
- Drive-thru width 2486mm
- Maximum Lifting Height 1850mm
- Lifting time 40-50sec
- Lowering time 20-40sec

MANUAL LOCKS 1Phase
577 01 0060
WEEKLY FROM ONLY £10.07†
ONLY £1,999.00

ELECTRONIC LOCKS 1 PHASE / 3 PHASE
577 01 0070 / 577 01 0080
WEEKLY FROM ONLY £11.08†
ONLY £2,199.00

DUNLOP DL240M
Two Post Electro-hydraulic Lift
- 1780mm lifting height
- 4 Tonne lifting capacity
- Electronic locking with manual release
- Free high lift pad adaptors

DUNLOP DL240M 1PH
577 77 7630
WEEKLY FROM ONLY £10.07†
ONLY £1,999.00

DUNLOP DL240M 3PH
577 77 7620
WEEKLY FROM ONLY £10.07†
ONLY £1,999.00

DUNLOP DL240
577 77 7330

- Single or three phase
- 4 Tonne lifting capacity
- 1800mm lifting height
- Electronic Locks
- Anti toe trap devices on arms
- Minimum pad height of 110mm
- H type supportive base frame
- Available in single or three phase
- Suitable for lifting most cars and car derived vans

DUNLOP DL240 1-3 PHASE
577 77 7420
WEEKLY FROM ONLY £11.59†
ONLY £2,299.00

ELECTRONIC LOCKS 1 PHASE / 3 PHASE
577 01 0070 / 577 01 0080
WEEKLY FROM ONLY £10.07†
ONLY £1,999.00

PROWAY ELITE 42, 2 POST 4T HYDRAULIC LIFT
577 77 7420

The Proway Elite 42 comes with some luxury features such as medium and high reach pads as standard fitment, and sill-protectors on the upper part of the lifting arms.

- 4000kg Lifting Capacity
- Designed and developed in Germany
- Low profile cover plate
- Available in Single or Three Phase operation
- 2 Year limited warranty
  First year on-site parts and labour, second year parts only
- Manual release safety locking mechanism

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Prices correct at time of going to press: November 2018.
HOFMANN MEGAPLAN MEGALIFT 4500XL
577 77 7610

This 2 Post lift electro-hydraulic lift represents what happens when expertise meets extensive component sourcing, combining an economic design typical of entry-level commercial two post lifts, but with the added peace of mind of being specified and designed to be a Hofmann Megaplan product, with all its associated qualities such as build, reliability, long-term spares availability and reputation.

- 4500kg Lifting capacity with unique XL (extended length) Arms for increased commercial vehicle coverage
- High Reach Extensions included as standard
- European Design, typical Hofmann Megaplan Build Quality
- Convenient, efficient 1ph & 3ph operation
- 2 Year Warranty

LIFTMASTER LMS SERIES

- Built in Germany and approved by multiple vehicle manufacturers for their workshops.
- This series of lift is available with 3.0T or 3.5T capacity.
- Electro-Mechanical Operation with low wear nylatron-nut means quiet operation.
- 5 years warranty on spindle and spindle-nuts.
- Driven by twin motors integrated into columns.
- The baseless lift gives an unobstructed floor space between the posts which allows Technicians to easily move tool boxes, transmission jacks, oil drainers and other service equipment underneath the elevated vehicle.
- Triple reach telescopic asymmetric front lifting arms means lifting points are easily reached.
- Low lifting point (from 75mm using Minimax Arms) allows vehicles with lower clearance to be lifted.
- This asymmetric Lift allows the vehicles’ doors to be opened wider.
- Height adjustable gantry at the top connection at time of installation.

LMS3000TRA with 3-stage arms 577 77 0120

WEEEKLY FROM ONLY £17.13†
ONLY £3,399.00

LMS3000MM Mini-Max Arms 576 77 0480

WEEEKLY FROM ONLY £21.67†
ONLY £4,299.00

LMS3500TRA 3.5t version 576 77 0490

WEEEKLY FROM ONLY £20.15†
ONLY £4,999.00

LMS3500MM Mini-Max Arms 3.5t version 576 77 0510

WEEEKLY FROM ONLY £25.19†
ONLY £4,999.00

*Finance example typically based on a 5 year lease purchase agreement. Finance subject to status, full terms and conditions available on request. Other finance options available. All prices exclude VAT at 20%. Price, availability and specification may change without prior notice. Warranty subject to manufacturers terms and conditions of use. Errors and omissions excluded. Offers valid until 31st March 2019. Prices correct at time of going to press: November 2018.

01827 838 477
BRANCHES NATIONWIDE
XPR SERIES BASELESS LIFTS

A Baseless or Clear floor 2 Post Lift has no ‘bump’ or cover plate between the posts as any hydraulic pipes and balance cables used to balance or synchronise the lifting arms run through a gantry above the Lift Posts.

This makes a Baseless Lift ideal for carrying out routine service work, transmission, suspension and clutch work. The unobstructed floor space between the posts allow Technicians to easily move tool boxes, transmission jacks, oil drainers and other service equipment underneath the elevated vehicle.

In combination with triple-reach arms (which offer maximum flexibility to position the lifting pads under the jacking points), it becomes a simple task to manoeuvre a vehicle into position on the lift. With symmetrical arms, the vehicle can be loaded onto the lift in either direction – facing forwards or backwards.

BENDEPAK XPR SERIES

The XPR-Series offers an abundant roster of options and accessories that allows you to fully tailor your lift to your unique circumstance.

Wide or Narrow configurable options

Specific models in the range feature an adjustable top beam to accommodate wide or narrow installation setups. This unique configurable design allows you to choose the best setting for your specific space or vehicle lifting requirements.

Optional column height extension

Specific models in the range feature optional post extensions for extra height. This gives you the flexibility of increasing the overhead clearance to maximize the vehicles you can service.

Lowered arm tube supports

To minimize the chance of damaging vehicles with low-hanging vehicle doors, the lifting arms are designed to allow for better clearance.

Lower Cost of Ownership

The highly sophisticated yet simple and dependable XPR-Series design requires very little service or maintenance for an overall lower cost of ownership. All BendPak’s XPR two-post models feature dual “direct-drive” low pressure cylinders, maintenance-free UHMW load bearings, single-piece columns, extra-tall lifting carriages and triple-telescoping arm configuration for increase arm positioning versatility.

- 5mm Double screw adapter pads as standard on XPR9 & 10 Series.
- 4-Piece, 63mm stackable pad height adapter set included as standard on XPR9 & 10 Series (Other lifting adapters are available)
- 8-Piece 63mm & 125mm stackable pad height adapter set included as standard on XPR12 series.
- 1308mm Lifting Arms on XPR9 & 10 Series.
- 1500mm Lifting Arms on XPR12 series.
- 1800mm Lifting Arms on LWB versions.
- XPR10TS-168 Model – Extra 610mm high model total height 4267mm.
- 3-phase standard available with single phase motor at no additional cost.

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Supplied with Adjustable Height Screw Pads as Standard
HYPERFLOW

Developed in 2013, HyperFlow® is the technology that makes complicated things simple and removes the need for moving parts in a hydraulic lift. The patented HyperFlow® keeps all hydraulic systems in synchronisation without the help of any additional hydraulic valves to bleed air during operation. HyperFlow® does not require any sort of moving parts like cables, pulleys, etc. which traditional technologies require in order to control a hydraulic lift. No mechanical assistance systems like cable and pulleys make the system wear free and provide longevity to the garage, while reducing maintenance and repair costs.

LIFTMASTER LMH SERIES BASELESS LIFTS

- Triple reach front arms (TRA) as standard
- Twin hydraulic rams on each post using a unique master and slave cylinder and powerful oil submerged motor configuration provides smooth and fast lifting and lowering times
- Synchronising cables are not required as the hydraulic system ensures fast and safe synchronisation at any level
- No need to lift before lowering to remove safety system as the load is secured hydraulically at any working height without the need of mechanical locking
- Self bleeding hydraulic system
- Low lifting point from 95mm (75mm with MM arms)
- Asymmetric arms for maximum door clearance
- Ergonomic design control lever

MINI MAX LIFTING ARMS (MM)

- Easy access for vehicles with side skirts
- Height adjustable lifting pads
- Enormous adjustable range
- Multi level adjustment through pedals
- Reliable Positioning

<table>
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Prices correct at time of going to press: November 2018.
MEGALIFT 4000-2
577 77 0710

Building on the success of its hugely popular predecessor, the Megalift 4000, this new model includes additional luxury features such as automatic, electronic safety release, medium and high reach pads as standard fitment, and sill-protectors on the upper part of the lifting arms. Although manufactured in the Far East, the 4000-2 is subjected to high European quality control and specification standards. The Megaplan 4000-2 offers exceptional value for money and quality for its price range.

**MEGA DEAL! INCLUDES EXTENSION PADS WORTH £280**

**WEEKLY FROM ONLY** £11.08†
**ONLY** £2,199.00

BENDPAK XPR SERIES BASEFRAME LIFTS

Low-profile, dropped-end frame c/w NEW screw contact pads
Squeeze under even the lowest compact and sport vehicles. The new adjustable screw pads ensure that the vehicle is lifted safely at all times.

Triple-telescoping front arms and two-stage rear arms
Increases overall arm positioning for lifting a variety of different wheel base vehicles. Overall arm sweep and minimum arm reach are also extended to precisely lift vehicles that have unibody construction, OEM recommended pick-up points and wide and / or narrow wheelbase configurations.

- 51mm Double screw adapter pads as standard on XPR9 & 10 Series.
- 4-Piece, 63mm stackable pad height adapter set included as standard on XPR9 & 10 Series. (Other lifting adapters are available)
- 8-Piece 63mm & 125mm stackable pad height adapter set included as standard on XPR12 series.
- 1308mm Lifting Arms on XPR9 & 10 Series.
- 4000kg lifting capacity
  Covers most passenger cars and derived vans
- Designed and developed in Germany
  Quality from a brand name you trust
- European design qualities
  Specified for our vehicles
- Low profile cover plate
  Enables access for low front spoilers
- Available in 1 or 3 phase operation
  Suitable for all premises
- 2 year limited warranty
  First year on-site parts and labour, second year parts only

**SUPPLIED WITH ADJUSTABLE HEIGHT SCREWPADS AS STANDARD**

**XPR9TS 577 77 0870**
**1-3 phase**
**WEEKLY FROM ONLY** £15.88†
**ONLY** £3,150.00

**XPR12FDL 577 77 0030**
**1-3 phase**
**WEEKLY FROM ONLY** £23.56†
**ONLY** £4,675.00

**XPR12FDL-LWB 577 77 0070**
**5yr**
**1-3 phase**
**WEEKLY FROM ONLY** £25.17†
**ONLY** £4,995.00

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Base Frame Lifts

BRADBURY HYDRAULIC 2 POST LIFTS

- Baseless option also available – ideal for transmission jacks
- 3 stage arms and large, adjustable dual screw lifting pads
- Electro-mechanical locking device
- Easy access for cable adjustment

BRADBURY H2601/3
6t standard length posts
- Free set of 200mm lift pad adaptors

BRADBURY H2601/3
6t extra height posts
- Free set of 200mm lift pad adaptors

BRADBURY H2401/3
4t standard length posts

BRADBURY H2401/3
4t extra height posts

TECALEMIT SF/9207 – SENTINEL 4 TON HYDRAULIC 2 POST LIFT WITH BASE FRAME AND 3 STAGE ARMS

The SF 9207 is mounted on a heavy duty steel base frame which ensures a stable lifting platform and the minimum lifting pad height of only 100mm ensures that even vehicles with low ground clearance can be accommodated on the lift.

The lift has 3 stage arms enabling the lift to be used on a wider range of vehicles.

- Electro-hydraulic operation
- Asymmetric lifting arms 3 stages for lifting a wide range of vehicles
- Rapid lifting time
- Structural base frame
- Electronically controlled safety latches

TECALEMIT SF/8909/H – AZUR
3 TON 2 POST LIFT WITH BASE FRAME

- Suitable for lifting most passenger cars and car derived vans
- Automatic arm locking
- 5 Year warranty on self-lubricating Nylatron operating and safety nuts
- Low minimum lifting pad height of just 90mm
- Foot/toe protection device using an audible buzzer
- Heavy duty base-frame

01827 838 477
BRANCHES NATIONWIDE

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**BENDPAK 4 POST SERVICE LIFTS – ROBUST AND RELIABLE**

- Electric / hydraulic power system with single hydraulic cylinder mounted underneath platform – less to go wrong
- Available with single phase or 3 phase electric motor at no additional cost with two power unit locations.
- Platforms accommodate narrow and standard vehicles.
- Push-button pneumatic safety release from multi-position safety locks in each column.
- Longer approach ramps for low-ground clearance vehicles (HDS14, 14X, 14LSX & 14LSXE)
- Wheel alignment lifts available (HDS14LSX & HDS14LSXE)

**HD-9 4TON 4 Post Service Lift**
with 4166mm platforms
578 77 0090

**HD9XW 4TON 4 Post Service Lift**
with 4775 mm platforms
578 77 0080

**HDS-14 6.35TON**
4 Post Service Lift, 3 Phase
578 77 0010

**ADD A BENDPAK BEAM FROM ONLY £695 EXTRA**

**ADD A JACKING BEAM FROM ONLY £725 EXTRA**

**LGSS32 SHORT PLATFORM SURFACE MOUNTED SCISSOR LIFT 3.2TON**
581 77 0290

- Electro-hydraulic operation
- Surface mounted or recessed installation
- Low platform height of 105mm
- 4 x Polymer pads (340mm x 150mm x 50mm) included
- Twin independent hydraulic circuits so no need for air locks
- Maximum use of workshop space
- Fast lifting and lowering times
- Clear access between the scissors
- No electrical or pneumatic components on the lift
- High quality steel construction ensures directional stability
- Quiet robust oil-submerged motor with push button control and lockable control unit
- 3 phase electrics

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Mid-Rise Scissor Lifts

**CRYPTON CML3000 MIDRISE SCISSOR LIFT**
581 77 0320

- Arrives pre-assembled for fast and easy set-up.
  Simply unpack, fill with hydraulic oil and plug in
- 3 year warranty as standard
- 3000kg Capacity
- 990mm Max Height
- Minimum lifting point 102mm
- Single phase

**HOFMANN MEGAPLAN**
**TSX3000 (FIXED) / TSX3200 (MOBILE) SCISSOR LIFT**

- 3000kg capacity (TSX3200 = 3200kg)
- Ideal for tyres service bay or low height building
- 240V (1PH) or 415V (3PH)
- Twin hydraulic rams on each platform
- Minimum height 110mm
- Maximum height 1000mm

**LIFTMASTER SPRINTER MID-RISE SCISSOR LIFT**
581 77 0031

With almost one metre lifting height, the Sprinter covers 90% of all activities in the workshop. Thanks to the mobile kit (supplied as standard), the lift is easily moveable around the workshop.

By picking up the vehicle at the sillboards, the Sprinter safely picks up most vehicles (including SUV vehicles), up to 3000kg. Super ductile polymer pads (supplied as standard) protect the car’s underbody.

Ideal for Wheel and Tyre work, Chassis and Underbody work, Bodypanel and Smart repair & Valeting and Detailing

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<tr>
<td>Motor (kW)</td>
<td>1.5</td>
</tr>
</tbody>
</table>

**PRICE INCLUDES INSTALLATION**

**WEEKLY FROM ONLY**

**£14.11†** FROM ONLY **£2,799.00**

**HOFMANN MEGAPLAN TSX3000 (FIXED) / TSX3200 (MOBILE) SCISSOR LIFT**

**WEEKLY FROM ONLY**

**£14.11†** FROM ONLY **£2,799.00**

**LIFTMASTER SPRINTER MID-RISE SCISSOR LIFT**

**WEEKLY FROM ONLY**

**£13.58†** FROM ONLY **£2,695.00**

† Finance example typically based on a 5 year lease purchase agreement. Finance subject to status, full terms and conditions available on request. Other finance options available. All prices exclude VAT at 20%.

Price, availability and specification may change without prior notice. Warranty subject to manufacturers terms and conditions of use. Errors and omissions excluded. Offers valid until 31st March 2019.

Prices correct at time of going to press: November 2018.
Platform Scissor Lifts

L3200S SHORT PLATFORM SURFACE MOUNTED SCISSOR LIFT

Ideal for service bays, tyre shops, general repair, brake repairs, suspension and transmission replacement, and body shops. Can handle almost all heavy-weight passenger cars derived vans. The ultra-low profile construction will accommodate most sports cars and other low skirted vehicles.

- Minimum pick-up height as low as 110mm, no problem for low-profile vehicles
- Design offers full access to front, rear, and sides of vehicle
- Supplied complete with sill-protecting rubber blocks
- Automatic activated safety lock through all lifting travel, easy pneumatic release
- Extendible platform length by utilising lockable approach ramps

L3200S 3 Phase
581 01 0150
WEEKLY FROM ONLY £17.61†
ONLY £3,495.00

L3200S 1 Phase
581 01 0090
WEEKLY FROM ONLY £17.61†
ONLY £3,495.00

BRADSBURY H8 SERIES SHORT PLATFORM SCISSOR LIFTS

Ideal for service bays, tyre shops, general repair, brake repairs, suspension and transmission replacement and body shops. Featuring a low profile platform ideal for lifting a large range of vehicles including low skirted sport cars.

Bradbury H8903/H8901E 3.2T extra low profile
Bradbury H8603/H8601E 3.6T Short Platform Recessed Scissor Lift

- Hydraulically synchronised platforms
- Improves utilisation of workshop space
- Full access to sides, front and rear of vehicle
- Ideal for service bays, tyre shops and general repair
- Complete with lifting blocks
- Safety valves detects hydraulic failure
- Overload mechanical safety device – Ratchet safety mechanism engages each time the lift stops throughout the lifting height of 1850mm
- Control panel allows precise lifting
- Reflector/light beam sensor ensures platform remains level during lift
- Includes 1 year free maintenance contract*

H8903E Surface mounted, 3 Phase
581 77 0090
WEIGHT FROM ONLY £18.40†
ONLY £3,650.00

H8901E Surface mounted, 1 Phase
581 77 0080
WEIGHT FROM ONLY £18.40†
ONLY £3,650.00

H8603E Recessed, 3 Phase
581 77 0070
WEIGHT FROM ONLY £18.40†
ONLY £3,650.00

H8601E Recessed, 1 Phase
581 77 0080
WEIGHT FROM ONLY £18.40†
ONLY £3,650.00

*Includes 1 service at 6 months, and 1 service at 12 months

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Prices correct at time of going to press: November 2018.
There has never been a better time to get into DPF Cleaning, with tighter MOT rules and limits it’s vital that a vehicle’s emission system is functioning correctly. A blocked DPF can lower the engine’s performance and higher the emissions. Offering your customer a cleaning service is a great way to bring in extra revenue.

- Safe and time saving process
- Universally fits 99% of DPFs
- On site demonstration available
- Semi-automated system
- Removes soot and ash with ease
- 2 stage clean and protect process
- Additional revenue stream for all garages – keep the till ringing!

**CARBON CLEAN DCS-16**
**DPF CLEANING SYSTEM**
590 77 6400

- Advanced Carbon Cleaning system for high spec garages
- Fully automatic machine means garage staff can conduct other tasks without the need to keep tabs on the machine/process
- Works on any combustion engine
- High gas flow gives impressive results
- Cleans a 4 litre engine in just 30 minutes
- Patented technology ensures no loss of performance during the lifetime of the machine
- Built in fail safe to ensure safety is paramount
- Utilises tap water and electrolytes, meaning running costs are extremely low
- On site demonstrations available to show you the benefits

**WEEKLY FROM ONLY £27.69**
**ONLY £5,495.00**

**CARBON CLEAN CC14**
**CARBON CLEANING MACHINE**
590 77 6380

- Mid-entry level model
- Built in fail safe to ensure safety is paramount
- Walk away operation frees up garage staff to conduct other tasks – audible alarm clearly indicates when the process is finished
- Utilises tap water and electrolytes, meaning running costs are extremely low

**WEEKLY FROM ONLY £27.69**
**ONLY £5,495.00**

**CARBON CLEAN CC16**
**FULLY AUTO CARBON CLEANING MACHINE**
590 77 6390

- Advanced Carbon Cleaning system for high spec garages
- Fully automatic machine means garage staff can conduct other tasks without the need to keep tabs on the machine/process
- Works on any combustion engine
- High gas flow gives impressive results
- Cleans a 4 litre engine in just 30 minutes
- Patented technology ensures no loss of performance during the lifetime of the machine
- Built in fail safe to ensure safety is paramount
- Utilises tap water and electrolytes, meaning running costs are extremely low
- On site demonstrations available to show you the benefits

**WEEKLY FROM ONLY £47.85**
**ONLY £9,495.00**
The Hartridge Sabre CRI Master is an advanced, compact, all-makes Common Rail Injector Tester which utilises its unique patented technology to provide unparalleled performance.

Central to the Sabre's design are the exceptional levels of user-control enabling the full customisation of test conditions and parameters, meaning technicians with a range of training levels can work alongside this machine.

The Sabre CRI Master's new software now has additional test functions. Nozzle Opening Pressure (NOP) checks for correct mechanical function of the nozzle to open at the required pressure to achieve the intended atomisation.

Hartridge’s comprehensive development process provides validated coding on the Sabre CRI Master for Bosch, Continental, & Denso* injectors. The Sabre’s reliable testing, combined with the accurate coding parameters, delivers trust worthy All-Makes coding in one machine.

Using unique processes from decades of providing OE test solutions, Hartridge test plans are developed accordingly to ensure the highest levels of accuracy.

Hartridge have developed a huge library of full test plans including coil & piezo variants. Thanks to the smarter credit licencing the workshop can unlock specific tests as needed. Hartridge continue to develop and release new test plans as part of the support of the Sabre.

Key Features:
- Fast-Typically one minute per test step
- Simplified & fast injector clamping
- High flow output for optimum high & low pressure
- Patented Closed-Loop power management
- Advanced temperature monitoring
- Rapid installation & use
- Trolley available for mobility in the workshop
- Award winning bench platform
- High pressure upgrade kit available (At an extra cost)

*Denso coding planned release 2019

*You must use ISO3114 Calibration Fluid

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Compressors

SELECTING THE RIGHT COMPRESSOR

When selecting the right air compressor, the tank size is important. A small tank will overwork the motor. It is equally if not more important to select an air compressor that provides enough cubic feet per minute (cfm) of airflow. CFM is going to determine how many tools you can run, and whether each tool will function at its best.

### TOOL/EQUIPMENT

<table>
<thead>
<tr>
<th>CFM</th>
<th>BAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8” Impact Wrench</td>
<td>2 – 3</td>
</tr>
<tr>
<td>1/2” Impact Wrench</td>
<td>4 – 6</td>
</tr>
<tr>
<td>3/4” Impact Wrench</td>
<td>9</td>
</tr>
<tr>
<td>1” Impact Wrench</td>
<td>14</td>
</tr>
<tr>
<td>3/8” Ratchet</td>
<td>2 – 5</td>
</tr>
<tr>
<td>1/2” Ratchet</td>
<td>6</td>
</tr>
<tr>
<td>3/8” Drill</td>
<td>12</td>
</tr>
<tr>
<td>DA Sander (Top Quality)</td>
<td>10</td>
</tr>
<tr>
<td>DA Sander (econ. model)</td>
<td>20</td>
</tr>
<tr>
<td>7” Sander/Polisher</td>
<td>25</td>
</tr>
<tr>
<td>Zip/Impact Cutter</td>
<td>4 – 5</td>
</tr>
<tr>
<td>Cutters Shears</td>
<td>4 – 8</td>
</tr>
<tr>
<td>4” Angle Grinder</td>
<td>18 – 25</td>
</tr>
<tr>
<td>7” Angle Grinder</td>
<td>25 – 35</td>
</tr>
<tr>
<td>Tyre Inflator</td>
<td>2 – 4</td>
</tr>
<tr>
<td>Tyre Changer (Manual)</td>
<td>4</td>
</tr>
<tr>
<td>Tyre Changer (Auto)</td>
<td>9</td>
</tr>
<tr>
<td>Sand Blast Cabinet</td>
<td>10 – 50</td>
</tr>
<tr>
<td>Sand Blast Hand Gun</td>
<td>8 – 12</td>
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</table>

### TOOL/EQUIPMENT

<table>
<thead>
<tr>
<th>CFM</th>
<th>BAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray Gun – Airbrush</td>
<td>0.25</td>
</tr>
<tr>
<td>Spray Gun – Miniature</td>
<td>4 – 7</td>
</tr>
<tr>
<td>Spray Gun – Low Pressure</td>
<td>1.5 – 4</td>
</tr>
<tr>
<td>Spray Gun – Standard</td>
<td>7/14</td>
</tr>
<tr>
<td>Spray Gun – HVLP</td>
<td>14 – 20</td>
</tr>
<tr>
<td>HA/GEO/9000 series LVLP</td>
<td>7 – 9.5</td>
</tr>
<tr>
<td>Air Fed Mask</td>
<td>5 – 6</td>
</tr>
<tr>
<td>Oil Pump</td>
<td>1.5</td>
</tr>
<tr>
<td>Grease Pump</td>
<td>4.5</td>
</tr>
<tr>
<td>Air Water Wash</td>
<td>10</td>
</tr>
<tr>
<td>Car Wash</td>
<td>1.5 – 5</td>
</tr>
<tr>
<td>Blow Gun (safety nozzle)</td>
<td>3</td>
</tr>
<tr>
<td>Spark Plug Cleaner</td>
<td>3</td>
</tr>
<tr>
<td>Underseal Gun</td>
<td>4</td>
</tr>
<tr>
<td>Rivet Gun</td>
<td>1.5 – 3</td>
</tr>
<tr>
<td>2 Ton Air/Hydraulic Lift</td>
<td>5 – 8</td>
</tr>
<tr>
<td>Brake Tester</td>
<td>3 – 7</td>
</tr>
<tr>
<td>Plasma Cutter</td>
<td>6 – 8</td>
</tr>
</tbody>
</table>

### COMPRESSORS AND AIR TREATMENT

#### Compressed air is all about the compressor, right?

Wrong. Of course, a quality compressor is important if you’re doing anything with air tools but there are other factors you need to consider if you want an efficient system that won’t let you down, particularly in challenging environments like spray booths, where the quality of air you’re using is critical to the quality of the job you produce.

#### Air Pipework

Next, we come to the pipework, that essential conduit between compressor and tool. Any amount of ‘hissing’ means you’ve got at least one leak and that’s the sound of your hard-earned cash escaping from your pocket in the form of wasted energy. Your compressor has to work harder to produce the air you need, leading to a shorter compressor lifespan and poorer performing equipment.

If your pipework design is not optimised, you’re losing efficiency (and money) over the length of the system. It’s not just leaks in old galvanised pipework you should worry about, the internal bore may well be severely compromised through a lifetime build-up of deposits and corrosion, which will only compound the loss of efficiency of your compressor and air tools.

Our Workshop Equipment Specialists can help maximise your profits by calculating the savings you’ll make by installing a new plastic/aluminium air ring main, designed to support your current and future needs. It won’t corrode and it will provide greater flexibility and performance than your current galvanised option, delivering a consistent airflow with no efficiency loss and, a minimum maintenance requirement.

#### A SCREW COMPRESSOR IS BETTER THAN PISTON COMPRESSOR!

- Screw compressors are more suitable for today’s workshops.
- Using a different design from piston compressors, screw compressors emit much less noise, making them much more welcome within the workspace and eliminating the need for an external compressor housing.
- The design is 100% duty-rated. This means screw compressors will produce more air for longer, without wearing out the motor.
- A higher efficiency design will also reduce your power consumption.
- We offer multiple screw compressor options to match every requirement. For higher air quality applications (for example paint finishing), compressor + dryer options are also available.

---

1 Finance example typically based on a 5 year lease purchase agreement. Finance subject to status, full terms and conditions available on request. Other finance options available. All prices exclude VAT at 20%. Price, availability and specification may change without prior notice. Warranty subject to manufacturers terms and conditions of use. Errors and omissions excluded. Offers valid until 31st March 2019. Prices correct at time of going to press: November 2018.
# Piston Compressors

## WILKINSON STAR WORKHORSE COMPRESSORS

Typically used with: Impact wrench, Ratchet wrench, Air chisel, underseal gun, tyre inflator. Ideal for a small workshop where only single phase is available.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WR3HP-150SEC</td>
<td>572 77 1630</td>
<td>£445.00</td>
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<tr>
<td>WR3HP-200SEC</td>
<td>572 77 1670</td>
<td>£491.00</td>
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<tr>
<td>WR4HP-200SEC</td>
<td>572 77 1680</td>
<td>£815.00</td>
</tr>
</tbody>
</table>

*30A fuse required.

## ABAC PRO PISTON COMPRESSORS

Reliable, Cost effective, Durable

Ideal for a small workshop where only single phase is available. Belt driven, resulting in a quieter and more efficient compressor. Typically used with Tyre Inflator, Blow Gun, Spray Gun, Impact/ Ratchet wrenches.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A39B 150 FM3</td>
<td>572 77 0580</td>
<td>£495.00</td>
</tr>
<tr>
<td>A39B 200 FM3</td>
<td>572 77 0560</td>
<td>£535.00</td>
</tr>
</tbody>
</table>

## NUAIR COMPRESSORS

Superior design from the world’s largest producer of air compressors

Plug’n’play – require 13A fuse

Ideal for small to medium workshops using air tools up to 1/2" impact wrenches, scalers, sanders and grinders.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NB2800B/150/3M TECH</td>
<td>595 77 8090</td>
<td>£425.00</td>
</tr>
<tr>
<td>NB2800B/200/3M TECH</td>
<td>595 77 8110</td>
<td>£469.00</td>
</tr>
</tbody>
</table>

## NUAIR COMPRESSORS

Superior design from the world’s largest producer of air compressors

Ideal for small to medium workshops using air tools up to 1/2" impact wrenches, scalers, sanders and grinders.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NB38C/150 FM3</td>
<td>595 77 8120</td>
<td>£480.00</td>
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<tr>
<td>NB38C/200 FM3</td>
<td>595 77 8130</td>
<td>£535.00</td>
</tr>
</tbody>
</table>

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Prices correct at time of going to press: November 2018.
Piston Compressors

WILKINSON STAR WORKHORSE COMPRESSORS

Typically used with: Impact wrench, Tyre changer, Small DA Sander, brake tester. For the busier 2/3 man mechanical workshop where three phase is available.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
<th>WEEKLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5HP 200LT</td>
<td>572 77 1690</td>
<td>£899.00</td>
<td></td>
</tr>
<tr>
<td>WR5.5HP-270SEC</td>
<td>572 77 1710</td>
<td>£925.00</td>
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<tr>
<td>WR7.5HP-270SEC</td>
<td>572 77 1740</td>
<td>£1,055.00</td>
<td>£5.32†</td>
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<tr>
<td>WR10HP-270SEC</td>
<td>572 77 1750</td>
<td>£1,485.00</td>
<td>£7.48†</td>
</tr>
</tbody>
</table>

ABAC PRO PISTON COMPRESSORS

Reliable, Cost effective, Durable

Perfect for a small-medium workshop with three phase. Typically Used with Tyre Inflator, Blow Gun, Spray Gun, Impact/ Ratchet wrenches, low consumption shot blast cabinet.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>B4900 200 FT4</td>
<td>572 77 0670</td>
<td>£679.00</td>
</tr>
<tr>
<td>B5900B 200 FT5.5</td>
<td>572 77 0680</td>
<td>£779.00</td>
</tr>
</tbody>
</table>

NUAIR COMPRESSORS

Superior design from the world’s largest producer of air compressors

Ideal for medium to large workshops and tyre bays using air tools up to 1” impact wrenches, sanders, grinders, polishers and scalers.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NB5/200 FT5</td>
<td>595 77 8140</td>
<td>£745.00</td>
</tr>
<tr>
<td>NB7/200 FT5</td>
<td>595 77 8150</td>
<td>£865.00</td>
</tr>
</tbody>
</table>

TANDEM COMPRESSORS

More air while still using a single phase supply

Ideal for applications where higher capacity is required from a single phase supply. Check fuse requirements 16A, 20A or 32A fusing may be required.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
<th>WEEKLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRT36-250S-1 WORKHORSE*</td>
<td>595 77 7740</td>
<td>£1,609.00</td>
<td>£8.41†</td>
</tr>
<tr>
<td>ABAC PRO A39 270 FM3</td>
<td>572 77 0690</td>
<td>£1,549.00</td>
<td>£7.81†</td>
</tr>
<tr>
<td>NUAIR NB38/270 TD 3M+3M</td>
<td>59577 8160</td>
<td>£1,695.00</td>
<td>£8.54†</td>
</tr>
</tbody>
</table>

*Complete with 3 position starter box.

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01827 838 477
BRANCHES NATIONWIDE
Screw Compressors

WILKINSON STAR SILVER SCREW COMPRESSORS

- For applications where there is a constantly high demand for air power
- Powerful, efficient heavy duty belt drive motors
- Low noise levels

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
<th>WEEKLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS FIAC SILVER 10/300</td>
<td>572 77 1870</td>
<td>£3,459.00</td>
<td>£17.43†</td>
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<tr>
<td>WS FIAC SILVER 15/300</td>
<td>572 77 1890</td>
<td>£4,799.00</td>
<td>£24.19†</td>
</tr>
</tbody>
</table>

*Must be commissioned and serviced by an authorised distributor

ABAC SPINN SCREW COMPRESSORS

Compact workplace solution, Quiet, Efficient

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
<th>WEEKLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2KW 10 200</td>
<td>572 77 0270</td>
<td>£2,549.00</td>
<td>£12.85†</td>
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<tr>
<td>4KW 10 200</td>
<td>572 77 0230</td>
<td>£2,799.00</td>
<td>£14.11†</td>
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<tr>
<td>5.5KW 10 270</td>
<td>572 77 0710</td>
<td>£3,149.00</td>
<td>£15.87†</td>
</tr>
<tr>
<td>E 5.5KW 10 270 (WITH DRYER)</td>
<td>572 77 0490</td>
<td>£3,949.00</td>
<td>£19.90†</td>
</tr>
</tbody>
</table>

*Must be commissioned and serviced by an authorised distributor

FINI MICRO SCREW COMPRESSORS

Extremely Quiet, Clean, Ultra-reliable and Efficient with Integral Dryer/Filters

Ideal for bodyshops and busy workshops where constant clean dryer compressed air is essential.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
<th>WEEKLY</th>
</tr>
</thead>
<tbody>
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<td>MICRO SE 2.2-10M-200</td>
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<tr>
<td>MICRO SE 4-10-200</td>
<td>595 77 8210</td>
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<tr>
<td>MICRO 5.5-10-270</td>
<td>595 77 8220</td>
<td>£3,349.00</td>
<td>£16.88†</td>
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</tbody>
</table>

FINI PLUS SCREW COMPRESSORS

Extremely Quiet, Clean, Ultra-reliable and Efficient

Ideal for busy workshops where constant compressed air is required.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>PRICE</th>
<th>WEEKLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLUS 8-10-270</td>
<td>595 77 8170</td>
<td>£3,699.00</td>
<td>£18.64†</td>
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<tr>
<td>PLUS 11-10-270</td>
<td>595 77 8180</td>
<td>£3,999.00</td>
<td>£20.15†</td>
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</tbody>
</table>

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### Wilkinson Star Silver D Screw Compressors

- Refrigerated dryer option for clean, dry air production.
- Simple-to-use control units
- Enabling manage, monitor and optimise the machine's operation

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
<th>Weekly</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILVER D 10/300</td>
<td>572 77 2080</td>
<td>£4,399.00</td>
<td>£22.17†</td>
</tr>
<tr>
<td>SILVER D15/300</td>
<td>572 77 1910</td>
<td>£5,449.00</td>
<td>£27.46†</td>
</tr>
<tr>
<td>SILVER D20/300</td>
<td>572 77 1930</td>
<td>£5,749.00</td>
<td>£28.97†</td>
</tr>
</tbody>
</table>

*Must be commissioned and serviced by an authorised distributor

### ABAC Genesis Screw Compressors with Dryer and Filtration Build In

Where quality air is required, protecting tooling and equipment

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
<th>Weekly</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5KW</td>
<td>572 77 0440</td>
<td>£4,949.00</td>
<td>£24.94†</td>
</tr>
<tr>
<td>11KW</td>
<td>572 77 0180</td>
<td>£5,049.00</td>
<td>£25.45†</td>
</tr>
<tr>
<td>15KW</td>
<td>572 77 0380</td>
<td>£6,199.00</td>
<td>£31.24†</td>
</tr>
</tbody>
</table>

*Must be commissioned and serviced by an authorised distributor

### G-TEC Screw Compressors

The complete workstation, equipped with integral refrigerated dryer, dual filtration, and advanced control and monitoring.

Ideal for bodyshops and busy workshops where constant clean dryer compressed air is essential.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
<th>Weekly</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-TEC 7.510-270-DF</td>
<td>595 77 9110</td>
<td>£4,999.00</td>
<td>£25.19†</td>
</tr>
<tr>
<td>G-TEC 1110-270-DF</td>
<td>595 77 9120</td>
<td>£5,199.00</td>
<td>£26.20†</td>
</tr>
<tr>
<td>G-TEC 1510-270-DF</td>
<td>595 77 9130</td>
<td>£5,849.00</td>
<td>£29.48†</td>
</tr>
</tbody>
</table>

### Ingersoll Rand Screw Compressors

The Ingersoll Rand R-Series 5-11 kW family of compressors delivers optimum performance and easier maintenance, all in a robust, innovative package. A legacy of unbeatable engineering reliability.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
<th>Weekly</th>
</tr>
</thead>
<tbody>
<tr>
<td>R5.5I*</td>
<td>595 77 8260</td>
<td>£4,349.00</td>
<td>£21.92†</td>
</tr>
<tr>
<td>R7.5I*</td>
<td>595 77 8270</td>
<td>£4,449.00</td>
<td>£22.42†</td>
</tr>
<tr>
<td>R11I</td>
<td>595 77 8280</td>
<td>£5,699.00</td>
<td>£28.72†</td>
</tr>
</tbody>
</table>

*Phase available on request additional £350

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*Finance example typically based on a 5 year lease purchase agreement. Finance subject to status, full terms and conditions available on request. Other finance options available. All prices exclude VAT at 20%. Price, availability and specification may change without prior notice. Warranty subject to manufacturers terms and conditions of use. Errors and omissions excluded. Offers valid until 31st March 2019. Prices correct at time of going to press: November 2018.
Selecting the Right Heater

If you want to maintain productivity, you have to maintain the correct working temperature but there's a lot to consider...
The size and shape of your workshop, insulation levels and working characteristics (e.g. regular opening of large shutters) are all part of the calculation. You also have to consider the type of heater, fuel and the controls you can implement to minimise heat loss.
Our experienced Projects team will help tailor the perfect package for you.

TYPE OF FUEL
Your office or customer reception heating may be fuelled by electricity but it's far too expensive for larger commercial spaces. The best value fuel maybe affected by external economic factors and also by its availability to your unit. Natural Gas, Propane, Red Diesel and Kerosene are all options.

TYPE OF HEATER
Radiant heaters are often used in areas with high air movement – near frequently opened doors – or where there is a need for zonal heating. Radiant heat warms all solid objects and surfaces in its path. Heat energy passes inertly through the air, dissipating as heat upon contact with people and surfaces so, while within the zone of a radiant heater, people can remain comfortable at lower air temperatures, reducing wasteful heating of unoccupied space.
In buildings where doors are shut most of time and full heating of the space is required, warm air heaters provide the best and most economical solution.

ACCESSORIES
We’ve all heard the phrase warm air rises but it’s not exactly efficient to heat the top of your workshop when you need that heat at floor level. This is where strategic use of destratification fans and electronic controls become the final piece of the jigsaw, maximising your heating efficiency and giving you complete control.
Destratification fans in your roof space bring down otherwise wasted warm air to where you need it. If correctly designed and installed a destratification system can save up to 30% on running costs.
Electronic controls optimise heater control, complying with the latest Building Regulations. They can be password protected and programmed to turn heaters off when roller shutter doors are left open too long, ensuring you’re heating your building not the outside world.

HOW TO CALCULATE THE AMOUNT OF HEAT OUTPUT REQUIRED
The amount of heat required to raise the temperature of a space by 20°C (e.g. ambient temperature is -5°C, required temperature is +15°C) is dictated by the volume of space to be heated, and the rate of heat loss to the environment.

<table>
<thead>
<tr>
<th>WHAT IS YOUR BUILDING HEAT LOSS FACTOR?</th>
<th>LOSS FACTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>No insulation (e.g. corrugated sheet), shutter doors frequently opened</td>
<td>9 Btu/cu.ft</td>
</tr>
<tr>
<td>Poor insulation (e.g. single skin brick or block), single glazed windows, shutter doors opened fairly frequently</td>
<td>6.8 Btu/cu.ft</td>
</tr>
<tr>
<td>Average insulation (e.g. double skin brick or block), single glazed windows, insulated roof space, shutter doors mostly closed</td>
<td>5 Btu/cu.ft</td>
</tr>
<tr>
<td>Good insulation (e.g. breeze blocks plus cladding, with insulation between), double glazed windows, shutter doors mostly closed</td>
<td>2.7 Btu/cu.ft</td>
</tr>
</tbody>
</table>

1. Multiply Length x Width x Height of heating area and get the building volume.
   _______ x _______ x _______ = _______ cu.ft.
2. Select the description which best suits the area to be heated
3. Multiply the building volume by the heat loss factor.
   _______ cu.ft. x _______ Btu/cu.ft = _______ Btu

The heater units produce a range of outputs and will be chosen to give you the right heating system at the right price.
Use the heat calculation to determine the amount of heat needed, and call us for a quote.

3412Btu/h = 1kW/h

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Heating – Energy Efficient Heaters

THERMOBILE OIL FIRED CABINET HEATERS

Factory set for either Diesel 35 second or Kerosene 28 second fuel oil, your choice!
- 91% efficiency models
- Inbuilt Thermostat Timer
- Combustion Air intake kit included as standard
- Output range across the models from 30kW to 375kW
- 12 months parts & labour warranty plus a further 12 months parts only warranty
- Maintenance free service recommended annually

PSO 30
HEAT OUTPUT 109,000 BTU/H
594 77 0320
WEEKLY FROM ONLY £15.47†
ONLY £3,069.00

PSO 45
HEAT OUTPUT 146,000 BTU/H
594 77 0300
WEEKLY FROM ONLY £16.51†
ONLY £3,275.00

PSO 60
HEAT OUTPUT 203,000 BTU/H
594 77 1420
WEEKLY FROM ONLY £17.97†
ONLY £3,565.00

PSO 90
HEAT OUTPUT 280,000 BTU/H
594 77 0820
WEEKLY FROM ONLY £20.15†
ONLY £3,999.00

PSO 120
HEAT OUTPUT 418,000 BTU/H
594 77 1430
WEEKLY FROM ONLY £22.05†
ONLY £4,375.00

PROHEAT AUTOMATIC IGNITION HEATERS
WITH FIXED VENTS AND BUILT IN TANK*

PROHEAT 30
104,000BTU OIL FIRED CABINET HEATER WITH FLUE KIT
594 77 9150
WEEKLY FROM ONLY £13.10†
ONLY £2,599.00

PROHEAT 60
220,000BTU OIL FIRED CABINET HEATER WITH FLUE KIT
594 77 9160
WEEKLY FROM ONLY £16.12†
ONLY £3,199.00

PROHEAT 100
309,000BTU OIL FIRED CABINET HEATER WITH FLUE KIT
594 77 9130
WEEKLY FROM ONLY £17.13†
ONLY £3,399.00

FLUE KIT
FOR PSO 30 & 40
594 77 0310
ONLY £269.00

FLUE KIT
FOR PSO60, 90, 120
594 77 1440
ONLY £277.00

Swivelhead options available.
*Proheat 100 requires external tank.

01827 838 477
BRANCHES NATIONWIDE
Floorstanding, manual ignition, virtually soot-free oil-burning* heaters. Suitable for general automotive workshops, the AT307 produces radiant heat, whilst the other models, being fan assisted, produce warm air heating.

Supplied complete with a flue kit and setup instructions, these heaters do not require specialist engineer installation. The 307/400/500 models come with enclosed flame setup with the facility to draw clean combustion air externally or high-up within the room.

The high efficiency of the AT400 and AT500 is achieved by a built-in, large surface heat exchanger, through which all the gases have to pass before entering the flue.

**FLUE BOOSTER**

The Heater Booster simply slots between the heater and the flue and increases the heater’s output utilising the heat that would normally be lost through the flue.

- Suitable for models AT306, AT306T, AT307, AT400
- Simply slots into 150mm diameter flue pipe system
- A 220-240V supply is required for the fan

<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
<th>Weekly From Only</th>
<th>Only Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT306</td>
<td>594 77 1330</td>
<td>£5.94*</td>
<td>£1,179.00</td>
</tr>
<tr>
<td>AT307</td>
<td>594 77 1340</td>
<td>£8.54*</td>
<td>£1,695.00</td>
</tr>
<tr>
<td>AT400</td>
<td>594 77 1350</td>
<td>£11.33*</td>
<td>£2,249.00</td>
</tr>
<tr>
<td>AT500</td>
<td>594 77 1360</td>
<td>£13.58*</td>
<td>£2,695.00</td>
</tr>
</tbody>
</table>

*Heaters operating on Used Oil require a relevant permit under Schedule 13A of the Environmental Permitting Guidance (EPR). There will be requirements placed on emissions monitoring and operational control procedures.

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**THERMOBILE UNIVERSAL OIL HEATERS**

SUPPLIED WITH STANDARD FLUE KIT  EXCLUSIVE 2 YEAR WARRANTY

Prices correct at time of going to press: November 2018.

£5.94†  WEEKLY FROM ONLY  £1,179.00

£8.54†  WEEKLY FROM ONLY  £1,695.00

£11.33†  WEEKLY FROM ONLY  £2,249.00

£13.58†  WEEKLY FROM ONLY  £2,695.00

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Prices correct at time of going to press: November 2018.
**Heating – Multi-Fuel Heaters**

**THERMOBILE SB AUTOMATIC IGNITION HEATERS**

- Multifuel capability, including bio-diesel
- Minimal maintenance heaters with clean, soot-free combustion
- 1 phase or 3 phase motors
- Fixed or rotatable vents for total control over air circulation
- Insulated panels for safety and efficiency

Up to 180,000 BTU 1 phase motors rotatable vent heaters with exclusive 2 years warranty only available from Workshop Solutions.

Supplied complete with a flue kit and setup instructions, these heaters do not require specialist engineer installation. However, a qualified electrician will be required to make the final connection to a 3 Phase supply.

**SB40 UNIVERSAL OIL HEATER**  
WITH FLUE KIT, MIN 140,000BTU/HR  
594 77 1370  
WEELY FROM ONLY £21.92†  
ONLY £4,349.00

**SB60 UNIVERSAL OIL HEATER**  
WITH FLUE KIT, MIN 180,000BTU/HR  
594 77 1380  
WEELY FROM ONLY £24.69†  
ONLY £4,899.00

**GREATER THAN 180,000BTU**  
3 PHASE MOTORS, ROTATABLE VENT HEATERS

**SB80 UNIVERSAL OIL HEATER**  
WITH FLUE KIT, INCL. MOTOR & PUMP KIT, MIN 270,000BTU/HR  
594 77 1390  
WEELY FROM ONLY £33.51†  
ONLY £6,649.00

**SB110 UNIVERSAL OIL HEATER**  
WITH FLUE KIT, INCL. MOTOR & PUMP KIT, MIN 390,000BTU/HR  
594 77 1400  
WEELY FROM ONLY £36.79†  
ONLY £7,299.00

**FLOWMATIC PNEUMATIC PUMP SYSTEM**  
594 77 1620  
For bulk storage with top outlets and/or distances above 15m  
ONLY £835.00

**DIGITAL TEROSTAT TIMER FOR SB HEATERS**  
594 77 2490  
Energy management computer for extremely precise space heating control  
ONLY £235.00

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Prices correct at time of going to press: November 2018.

01827 838 477  
BRANCHES NATIONWIDE
Heating

DIESEL HEATER 70,000 BTU 20KW
538 77 5971
- Built in thermostat with digital display to help save fuel
- Fuel tank capacity of 10Ltr
- Heat output 22KW or 70,000Btu

ONLY £199.00

DIESEL HEATER 170,000 BTU 50KW
538 77 5951
- Runs or either diesel or kerosene
- Built in thermostat with digital display to help save fuel
- Fuel tank capacity of 56Ltr
- Heat output 50KW or 170,000Btu

ONLY £299.00

DIESEL HEATER 102,000 BTU 30KW
538 77 5961
- Built in thermostat with digital display to help save fuel
- Fuel tank capacity of 38Ltr
- Heat output 30KW or 102,000Btu

ONLY £249.00

INDUSTRIAL FAN HEATER
220-240V~ 50HZ 3000W
538 77 5551
Industrial electric fan ideal for heating warehouses, workshops and other sites during cold snaps and the winter. Produces a totally dry heat with no condensation, no gas, no fumes and as a result, no smells!

ONLY £49.00

FIREBALL TURBOFAN 3000W HEATER
SIP9160
The Turbofan 3000 is a compact and lightweight electric fan heater that is ideal for trade applications. It features a heavy-duty painted finish and multiple heat settings.

ONLY £49.99

FIREBALL TURBOFAN 2000W HEATER
SIP09128
The Turbofan 2000 is a compact and lightweight electric fan heater that is ideal for smaller trade applications. It features a heavy-duty painted finish and multiple heat settings.

ONLY £29.99

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Air Con

ECOTECHNICS ECK 1800HFO
251 77 0890
FOR 1234YF

• EASY TO USE: complete information database on cars and truck’s A/C system refrigerant quantity
• BIG TANK: Large refrigerant tank with 12 litres
• AUTOMATIC LEAK TEST: thanks to a specific sensor, the machine checks for a leakage during the vacuum phase monitoring the vacuum degree on the A/C system.
• FULLY AUTOMATIC CYCLE: with automatic oil and dye injection using an electronic scale providing high precision on charging and quick & easy service
• PRINTER: The ECK 1800-HFO comes with a thermal printer, this important feature is standard with this machine
• STATIC DIAGNOSIS: an important help for the user: he can get a quick advice on possible failures on the A/C system using A/C pressure and ambient/vent temperature

WEEKLY FROM ONLY £8.56†
ONLY £1,699.00

ECOTECHNICS ECK TWIN PRO
251 77 0820
FOR R134A & 1234YF

DUAL GAS MACHINE

• EASY TO USE: 7" colour touch screen display with high resolution and icon messaging for an easy user interface
• BIG TANK: 2 tanks 12L, with 2 electronic scales + 2 automatic heather blankets
• HIGH PRECISION TECHNOLOGY: with 95% of the recovered refrigerant from an A/C system
• AUTOMATIC NITROGEN LEAK TEST: this test, made with an inert gas under pressure, is an excellent alternative in case dye is not permissible
• HERMETIC OIL & DYE CONTAINERS: eliminate contact between the humidity naturally present in ambient air and the oil or dye, grant high quality of the product charged, protect the internal components of the station from possible damage from oils and/or dyes of uncertain provenance

WEEKLY FROM ONLY £16.93†
ONLY £3,359.00

ECOTECHNICS ECK 3500 UP
251 77 0840
FOR R134A

• EASY TO USE: Colour 5” display with high resolution and icon messaging for an easy user interface
• AUTOMATIC TAPS & AUTOMATIC HOSE COMPENSATION: making the service even more automatic without the need to recover the residual refrigerant from service hoses after the gas charging
• BIG TANK: Big refrigerant tank with 22 litres it is the ideal machine for intensive use
• AUTOMATIC NITROGEN LEAK TEST: this test, made with an inert gas under pressure, is an excellent alternative in case dye is not permissible
• HYBRID FUNCTION: compatibility with electric/hybrid cars is a must! Preliminary flushing of the service hoses is recommended before servicing vehicles with electric vehicles

WEEKLY FROM ONLY £12.59†
ONLY £2,499.00

TEXA KONFORT 705R
251 77 2060
FOR R134A

The KONFORT 705R is the latest TEXA “entry level” recharge station for vehicle air conditioning systems, designed with the precise objective of offering mechanics a simple but complete unit for all recovery and recharge jobs involving only R134a refrigerant, at an extremely competitive price.

The KONFORT 705R possesses the same basic characteristics as the other models in the KONFORT range and therefore represents an ideal solution for garages committed to offering customers impeccable service while keeping their business costs under control.

WEEKLY FROM ONLY £8.56†
ONLY £1,699.00

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Prices correct at time of going to press: November 2018.

01827 838 477
BRANCHES NATIONWIDE
Air Con

ROBINAIR AC690 PRO
251 77 0900
FOR R134A

- EASY TO USE: Clear LCD display screen. Complete information on cars and truck’s A/C system refrigerant quantity
- BIG TANK: 20Ltr tank
- FULLY AUTOMATIC CYCLE: with automatic oil injection using an electronic scale providing high precision on charging and quick & easy service
- BOTTLE HEATER: allowing quick refrigerant charging with cold or hot ambient temperatures
- DIAGNOSTIC PROGRAMME: Saves time identifying "vehicle" faults, suggest out of 36 common faults depending on test results

WEEKLY FROM ONLY £13.10† 
ONLY £2,599.00

ROBINAIR AC690 PROyf
251 77 2050
FOR 1234YF

- EASY TO USE: Clear LCD display screen. Complete information on cars and truck’s A/C system refrigerant quantity
- BIG TANK: 20Ltr tank
- FULLY AUTOMATIC CYCLE: with automatic oil injection using an electronic scale providing high precision on charging and quick & easy service
- BOTTLE HEATER: allowing quick refrigerant charging with cold or hot ambient temperatures
- DIAGNOSTIC PROGRAMME: Saves time identifying "vehicle" faults, suggest out of 36 common faults depending on test results

WEEKLY FROM ONLY £14.01† 
ONLY £2,779.00

TEXA KONFORT 707R
251 77 0790
FOR 1234YF

The KONFORT 707R is made for maximum simplicity and effectiveness in servicing systems filled with the new R1234YF refrigerant, mandatory within the European Community since January 2011 and now increasingly common. Though basic and easy to use, the KONFORT 707R recharge station boasts extremely advanced design solutions, with fully automatic functions and guarantees excellent efficiency and safety.

WEEKLY FROM ONLY £10.02† 
ONLY £1,989.00

TEXA KONFORT 710R
251 77 3000
FOR R134A

The KONFORT 710R is designed to satisfy the needs of garages who want a system only for R34A refrigerant which, after all, is still the most common refrigerant in vehicle A/C systems.

Although competitively priced the KONFORT 710R provides, as standard, all the essential functions that have established the KONFORT 700 Series as one of the leading recharge stations on the market. Features include automatic leak detection, electronic refrigerant weighing, automatic timed oil and UV tracer injection and high efficiency refrigerant recovery.

WEEKLY FROM ONLY £10.05† 
ONLY £1,995.00

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AIR CONDITIONING EQUIPMENT SERVICE

Take advantage of the off season and ensure your air con machine is ready to use for spring 2019

A general service includes: Calibration of all scales, changing of filter and vacuum pump oil if required, testing of compressor performance, Testing of Vacuum Pump performance, Refrigerant Leak Checks.

SERVICING IS AVAILABLE ON ALL* OF THE FOLLOWING MACHINES:
- Robinair
- Bosch
- Beissbarth
- Ecotechnics
- Snap-On
- Brain Bee
- Valeo
- Texa
- Spin
- North Cape
- Delphi
- Tecalimit

SERVICING YOUR AIR CONDITIONING MACHINE BRINGS BENEFITS AT EVERY STAGE OF OPERATION:

REFRIGERANT RECOVERY
The oil level and performance of the internal compressor is checked to ensure fast recovery, efficient operation and component reliability

REFRIGERANT RECYCLING
The machine filter is changed to ensure the recycled refrigerant meets the applicable S.A.E. standard (J2099)

SYSTEM EVACUATION
Vacuum pump performance and operation is checked, the oil is changed to ensure the machine is able to rapidly achieve a deep vacuum to fully de-hydrate the vehicle A/C system and help prevent internal corrosion.

REFRIGERANT RECHARGING
Charging accuracy is re-calibrated (to +/- 25 gms), using a certified calibration weight, so your customer’s A/C systems are always charged correctly (for optimum system performance)

REFRIGERANT LEAKAGE
Additional checks during the service procedure ensure there is no refrigerant leakage at any stage of the machine’s operation. Refrigerant loss to atmosphere is prosecutable under the Environmental Protection Act (1990).

QUALITY MANAGEMENT
Servicing of garage equipment may be required to comply with the terms of some ISO Quality Management Systems e.g. PAS125.

Provision and Use of Workshop Equipment Regulation 1998 confers a duty to ensure all equipment provided by your business is well maintained and safe to use.

*To confirm if we can service your air conditioning machine call your local branch.

PHONE YOUR LOCAL BRANCH
NOW TO BOOK YOUR SERVICE