



**GARAGE EQUIPMENT**  
since 1922

# **Export Sales Catalogue**

**2024**

# WELCOME



GARAGE EQUIPMENT  
since 1922

Welcome to the 2024 Export Sales catalogue from Tecalemit Garage Equipment.

Tecalemit products are in daily use in workshops, test lanes and on-site servicing facilities in countries around the globe, we have been supplying equipment for over one hundred years making Tecalemit one of the longest established equipment suppliers in the world.

Our latest range of products includes lubrication products, test lane equipment, general servicing equipment and tyre shop equipment. Our high-quality products are manufactured by Tecalemit and our supply chain to the highest recognised standards here in the UK, Europe, and North America. Tecalemit products are recognised for their longevity and durability, giving our customers great service and a super return on their investment.

Tecalemit is a founder member of the UK Garage Equipment Association and an ISO 9001 registered business.

This document features a cross section of Tecalemit products, there is much more, and our range is continually updating. Should you have an enquiry or require technical or commercial advice please contact our Commercial Office directly, we will be pleased to help.

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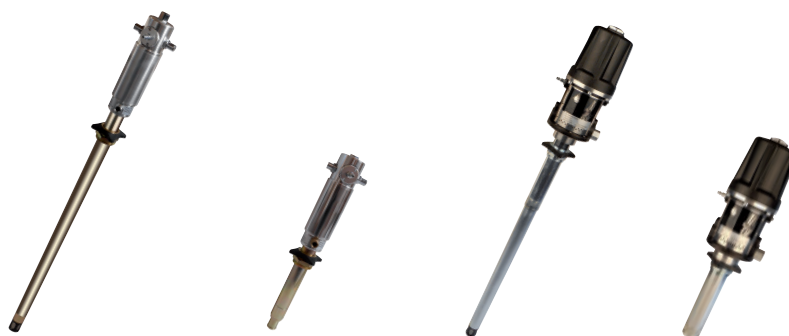
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# LUBRICATION EQUIPMENT Pneumatic Oil Pumps

Tecalemit oil pumps are supplied either as a basic stub pump for wall or 'off-tank' installation, or in a kit with a riser tube and accessories to suit your specific oil container, be it a tank or drum.



Technical Data	OP/500/1/205	OP/500/3/205	OP/500/3/57	OP/500/3
Compression Ratio	1.4:1	3:1	3:1	3:1
Operating Pressure Min/Max	5-10 bar	5-8 bar	5-8 bar	5-8 bar
Flow Rate	48l/min	12l/min	12l/min	12l/min
Air Inlet Connection	1/4" (F)	1/4" (F)	1/4" (F)	1/4" (F)
Oil Outlet Connection	3/4" (M)	1/2" (M)	1/2" (M)	1/2" (M)
Shaft Length	950mm	940mm	730mm	270mm
Shaft Diameter	55mm	42mm	42mm	42mm
Max. Viscosity	SAE 120	SAE 150	SAE 150	SAE 150
Suitable for Drums	180/220l	180/220l	50/60l	Stub Pump
Air Consumption	100l/min	100l/min	100l/min	100l/min
Noise Level	82db	82db	82db	82db
Weight	6.5kg	5.9kg	5.7kg	4.6kg



Technical Data	OP/500/5/205	OP/500/5	OP/500/5HD /MK2/205	OP/500/5HD /MK2
Compression Ratio	5:1	5:1	5:1	5:1
Operating Pressure Min/Max	5-8 bar	5-8 bar	5-12 bar	5-12 bar
Flow Rate	14l/min	14l/min	40l/min	40l/min
Air Inlet Connection	1/4" (F)	1/4" (F)	1/4" (F)	1/4" (F)
Oil Outlet Connection	1/2" (M)	1/2" (M)	3/4" (F)	3/4" (F)
Shaft Length	940mm	270mm	940mm	270mm
Shaft Diameter	42mm	42mm	54mm	54mm
Max. Viscosity	SAE 250	SAE 250	SAE 200	SAE 200
Suitable for Drums	180/220l	Stub Pump	180/220l	Stub Pump
Air Consumption	115l/min	115l/min	600l/min	600l/min
Noise Level	82db	82db	90db	90db
Weight	6.0kg	5.0kg	12.0kg	8.0kg

# LUBRICATION EQUIPMENT Oil Pump Accessories

## LA/755

Wall mounting bracket for OP/500/3 & OP/500/5 Stub Pumps



## LA/700

830mm Extension kit for OP/500/3 & OP/500/5 Stub Pumps



## LA/708

1.0m Suction probe with 1.5m flex hose for OP/500/3 & OP/500/5 Stub Pumps



## LA/704

Air lubricator and pressure regulator with filter 1/4" fittings



## LA/702

Air supply hose Inlet / Outlet 1/4" M / 1/4" F Length 1500mm



## LA/717

Oil supply hose Inlet / Outlet 1/2" M / 1/2" F Length 2000mm



## OR/400

Open oil hose reel Inlet / Outlet 1/2" M / 1/2" F Length 15.0m



## LA/742

Oil valve for dispensing engine, gearbox, differential oil and antifreeze



## LA/747

Wall-mounted holder and drip tray for dispensing valves



## CR/400

Cased oil hose reel Inlet / Outlet 1/2" M / 1/2" F Length 15.0m



## LA/743

Oil valve with electronic meter for dispensing engine, gearbox, and differential oils



## 2863/X

Oil drum bunds available in a range of capacities for drums or IBC containers



# LUBRICATION EQUIPMENT Hose Reel Stands & Accessories

## LA/738/COMP

The LA/738 is a bunded two barrel stand incorporating a hose reel frame with oil reels. The stand can be easily positioned with a pallet truck or fork-lift and provides a clean and safe dispensing facility for lubricants. Customers can specify pump type and reel specification for particular application - contact Tecalemit with your requirements.

- Oil bund for 2 x 205 litre drums
- 2 x digital hose end meters
- 2 x guns holder
- 2 x 10m open hose reels
- 2 x pneumatic 3:1 oil pumps for drums
- 2 x oil feed hoses to reels (2.0m)



## LA/739

Drum clamp adaptor to lift 180-220kg drums using engine hoist or similar equipment



## LA/748

The LA/748 is a self-contained oil extraction and distribution point designed for use in busy vehicle workshops. The stand can accommodate two grades of new oil plus one waste oil container.

# LUBRICATION EQUIPMENT Waste Oil Management

Tecalemit supply oil drainers for use in inspection pits, under vehicle lifts or for 'on-floor' use. Drainers can be specified with or without transfer pumps.

Tecalemit also provides suction units and probes for use with vehicles not fitted with sump plugs.

## SL/700

80 litre oil drainer  
blow away  
pressurised tank



## SL/701

24 litre suction  
only oil drainer



## SL/718

80 litre  
combined  
gravity &  
vacuum  
drainer



## SL/715

80 litre oil  
drainer with  
dipstick  
suction



## SL/719

80 litre  
pantograph  
oil drainer  
with dipstick  
suction



## SL/9001/B

Oil drainer  
80 litre pump  
away



## OP/1841K3P

Pit waste oil  
pump for oil  
& antifreeze  
including pit  
drainer



## LA/768

Wall mounted  
oil suction unit  
with pump &  
10 metre open  
hose reel



## SL/721

Mobile oil drainer  
68 litre capacity



## SL/720

Mobile oil drainer with integral  
pump 55 litre capacity



## SL/710

Waste oil drain tray 30 litre  
capacity 125mm height





# LUBRICATION EQUIPMENT Water, Screen-wash, & Antifreeze

Tecalemit Stainless steel pumps deliver outstanding performance handling detergents and antifreeze/coolant.

For further information on handling of aggressive fluids please contact the Tecalemit sales office.

## OP/500/3X205

3:1 Stainless steel pump for antifreeze or screen-wash. 940mm shaft for 205l drums



## OP/500/3X2

3:1 Stainless steel pump for antifreeze or screen-wash. Wall mountable stub pump



## LA/708

1.0m Suction probe with 1.5m flex hose for OP/500/3X2 Stub Pump



## OR/401

Open water/air hose reel Inlet / Outlet 3/8" F / 3/8" M Length 15.0m



## CR/401

Cased water/air hose reel Inlet / Outlet 3/8" F / 3/8" M Length 15.0m



## SL/706

Mobile antifreeze drainer 55 litre capacity



## LA/746

Control valve with electronic meter for dispensing water, screenwash, and antifreeze



## 25751/104

Radiator / windscreen washer fluid bottle filler



## SA/8026

Hurricane Wash Gun



## 25711/57

'Y' in-line strainer 3/4" BSP



## OA/9793/103

Quick-fix coupler kit





# LUBRICATION EQUIPMENT Pneumatic Grease Pumps



Technical Data	GP/502/50/330	GP/502/50/480	GP/502/50/740	GP/502/50/940	GP/502/50/1780
Compression Ratio	50:1	50:1	50:1	50:1	50:1
Operating Pressure Min/Max	5-8 bar	5-8 bar	5-8 bar	5-8 bar	5-8 bar
Flow Rate	800g/min	800g/min	800g/min	800g/min	800g/min
Air Inlet Connection	1/4" (F)	1/4" (F)	1/4" (F)	1/4" (F)	1/4" (F)
Grease Outlet Connection	1/4" (M)	1/4" (M)	1/4" (M)	1/4" (M)	1/4" (M)
Shaft Length	330mm	480mm	740mm	940mm	740mm
Shaft Diameter	30mm	30mm	30mm	30mm	30mm
Max. Viscosity	NLGI 2	NLGI 2	NLGI 2	NLGI 2	NLGI 2
Suitable for Drums	16-20kg	20-30kg	50-60kg	180-200kg	50-60kg
Air Consumption	120l/min	120l/min	120l/min	120l/min	500l/min
Noise Level	82db	82db	82db	82db	82db
Weight	4.8kg	5.4kg	5.5kg	6.0kg	-



Technical Data	MGP/502/20	MGP/502/60	MGP/502/180	MGP/502/200
Compression Ratio	50:1	50:1	50:1	65:1
Operating Pressure Min/Max	5-8 bar	5-8 bar	5-8 bar	5-8 bar
Flow Rate	800g/min	800g/min	800g/min	1800g/min
Air Inlet Connection	1/4" (F)	1/4" (F)	1/4" (F)	1/4" (F)
Grease Outlet Connection	1/4" (M)	1/4" (M)	1/4" (M)	3/8" (F)
Cover Diameter	280mm	385mm	600mm	600mm
Follower Plate Diameter	265mm	370mm	585mm	585mm
Max. Viscosity	NLGI 2	NLGI 2	NLGI 2	NLGI 2
Suitable for Drums	12-20kg	50-60kg	180-200kg	180-200kg
Air Consumption	120l/min	120l/min	120l/min	500l/min
Noise Level	82db	82db	82db	82db
Weight	21.0kg	25.0kg	38.0kg	39.0kg

Please confirm your grease drum capacity and dimensions before ordering your pump or accessories.

# LUBRICATION EQUIPMENT Grease Pump Accessories

## LA/737

Grease control gun 1/4" (F)  
rigid and flexible tubes



## Drum Covers

All with 3 wing nut clamps,  
2 carry handles & riser tube  
clamp



## LA/718

280mm for 12-20kg drums

## LA/720

420mm for 50-60kg drums

## LA/721

600mm for 180-200kg drums

## LA/735

Z Swivel 1/4" (M/F) for  
connection between hose  
and gun



## Follower Plates

All with double rubber  
membrane and double  
internal 'O' ring seals



## LA/723

265mm for 12-20kg drums

## LA/724

370mm for 50-60kg drums

## LA/725

585mm for 180-200kg drums

## Grease Delivery Hose

1/4" (M/F) for connection  
between pump and gun



## LA/731

Length 1000mm

## LA/732

Length 2000mm

## LA/733

Length 3000mm

## LA/734

Length 6000mm

## LA/763

400g Side  
lever grease  
gun with rigid  
and flexible  
delivery tubes



## OR/402

Open grease  
hose reel  
Inlet / Outlet  
1/4" F / 1/4" M  
Length 15.0m



## CR/402

Cased grease  
hose reel  
Inlet / Outlet  
1/4" F / 1/4" F  
Length 15.0m



## LA/760

400g One-handed operation  
grease gun with rigid and  
flexible delivery tubes



Please confirm your grease drum capacity and dimensions before ordering your pump or accessories.

# LUBRICATION EQUIPMENT Grease Nipples & Gun Connectors

Our range of grease nipples and connectors covers all standard thread dimensions and connection types. Grease nipples are supplied in boxes of 100. Grease gun connectors shown are supplied individually.

## Grease Nipples

### UNF Threads

1/4" x 28 UNF Straight	NA/6708
5/16" x 24 UNF Straight	NA/6627
3/8" x 24 UNF Straight	NA/6629



### Drive Fit

1/4" Drive Fit	NA/5766
8mm Drive Fit	98423/3001



### TAT - Standard Button Head

1/8 x 28 BSPF	NB/5962/103
1/4 x 19 BSPF	NB/5976/101
1/8 x 28 BSPF	NB/5959
1/4 x 19 BSPF	NB/5975



### Industrial Button Head

1/8 x 28 BSPF	ND/6172
1/4 x 19 BSPF	ND/6160
3/8 x 19 BSPF	ND/6161



### Metric Threads

M6 x 1mm Straight	NA/7006
M6 x 1mm 45° Angle	NA/7206
M6 x 1mm 90° Angle	NA/7106
M8 x 1mm Straight	NA/7007
M8 x 1mm 45° Angle	NA/7207
M8 x 1mm 90° Angle	NA/7107
M8 x 1.25mm Straight	NA/7008
M8 x 1.25mm 45° Angle	NA/7208
M8 x 1.25 90° Angle	NA/7108
M10 x 1mm Straight	NA/7009
M10 x 1mm 45° Angle	NA/7209
M10 x 1mm 90° Angle	NA/7109
M10 x 1.5mm Straight	NA/7010
M10 x 1.5mm 45° Angle	NA/7210
M10 x 1.5mm 90° Angle	NA/7110



## BSP Threads

1/8 x 28 BSPT	NA/5704
1/8 x 28 BSPT 45° Angle	NA/5797
1/8 x 28 BSPT 67.5° Angle	NA/5799
1/8 x 28 BSPT 90° Angle	NA/5803
1/4 x 19 BSPT Straight	NA/5707/1
1/4 x 19 BSPT 45° Angle	NA/5805/1
1/4 x 19 BSPT 90° Angle	NA/5813



## BSF Threads

1/4" x 26 BSF Straight	NA/5700/1
1/4" x 26 BSF 45° Angle	NA/5809/1
1/4" x 26 BSF 90° Angle	NA/5792/1
5/16" x 22 BSF Straight	NA/5702/1
5/16" x 22 BSF 45° Angle	NA/5793/1
5/16" x 22 BSF 90° Angle	NA/5795/1
3/8" x 20 BSF Straight	NA/5706/1
3/8" x 20 BSF 45° Angle	NA/5801/1



## American Pipe Threads

1/8 x 27 PTF Straight	NA/6511
1/8 x 27 PTF 45° Angle	NA/6672
1/8 x 27 PTF 65° Angle	NA/6674
1/8 x 27 PTF 90° Angle	NA/6613



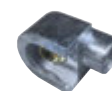
## SAE-LT Threads

1/4" x 28 Straight	NA/6639
1/4" x 28 45° Angle	NA/6666
1/4" x 28 90° Angle	NA/6626



## Grease Gun Connectors\*

L Type	HF/4006/1
Hook-On Type B	HF/4016
Giant Button Head Hook-On Type N	HF/4020
Hydraulic 4 Jaw Type H	HF/4048/103
K Type	HF/4063
Swivel Connector 1/8 BSPF	HE/3913
Grease Gun/Pipe Connector 1/8 BSP	28916/1
B Type including reducing nipple	HF/4016/101



\* Supplied individually



# LUBRICATION EQUIPMENT Lubemaster Mobile Service Units

Tecalemit's Lubemaster mobile service units are designed to provide on-site maintenance and servicing for vehicles, heavy plant, and machinery in remote and isolated areas. They are available in two variations: skid-mounted or trailer-mounted. Lubemaster units are designed to withstand rugged conditions and are used in various industries, including mining, construction, and oil and gas.



The Lubemaster SM/5551/103 is a trailer based mobile service unit comprised of the following:

- 1 x Diesel powered compressor with steel air distribution system plus regulators, lubricators and connection hoses for all equipment
- 3 x 3:1 air-operated oil pump for 50l barrels
- 3 x 15m cased oil reel
- 3 x Oil dispensing nozzle
- 1 x 50:1 air-operated grease pump for 50kg drums
- 1 x 15m cased grease reel
- 1 x Grease dispensing nozzle with Z swivel
- 1 x Grease drum cover for 50kg drums
- 1 x Grease follower plate for 50kg drums
- 1 x 10m air supply hose
- 1 x Tyre inflator

These components mounted on a single axle trailer with jockey wheel and regulation road lighting. Alongside the rear-mounted, cased reels there is a lockable storage cabinet.



The Lubemaster SM/5550/103 is a skid-mounted mobile service unit comprised of the following:

- 1 x Diesel powered compressor with steel air distribution system plus regulators, lubricators and connection hoses for all equipment
- 4 x 3:1 air-operated oil pump for 205l barrels
- 4 x 15m cased oil reel
- 4 x Oil dispensing nozzle
- 2 x 50:1 air-operated grease pump
- 2 x 15m cased grease reel
- 2 x Grease dispensing nozzle with Z swivel
- 2 x Grease drum cover for 180kg drums
- 2 x Grease follower plate for 180kg drums
- 1 x 10m air supply hose
- 1 x Tyre inflator

These components are housed in a steel superstructure with aluminium panels. Gull-wing doors to allow barrels to be lowered into position. Heavy-duty, plastic-coated canvass sheets cover the access points on all sides, providing protection to the equipment when not in use.

*The 50:1 grease pumps are suitable for all greases up to and including NLGI 2.  
The 3:1 oil pumps are suitable all oils up to and including SAE 150.*

# TECALEMIT SERVICE How Tecalemit Can Help You

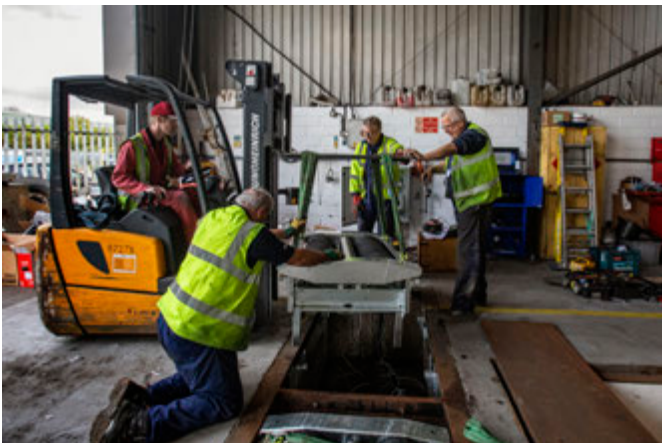


## *It's not all about product!*

Over the years Tecalemit has developed a great range of knowledge and expertise in all aspects of vehicle servicing, maintenance and testing equipment and we are pleased to share this with our clients from the early stages of your enquiry right through to the operation and care of the equipment throughout its lifetime.



If you are building a new facility, we can offer assistance with workshop design and the layout of equipment including test lanes, lubrication systems, compressed air systems, fume extraction systems and the placement of vehicle lifting and other items of equipment. Our workshop planners can work with your architects and builders to help create safe and efficient working environments.



Selecting the right equipment for the job is critical to the success of any business, once that is complete, we can assist with shipping and most importantly installation of the equipment if that is required. Here in the UK, we have a large team of engineers with unparalleled levels of experience who can come directly to you and complete any installation work and operator training.





# TEST LANE EQUIPMENT Commercial Vehicle Test Lanes

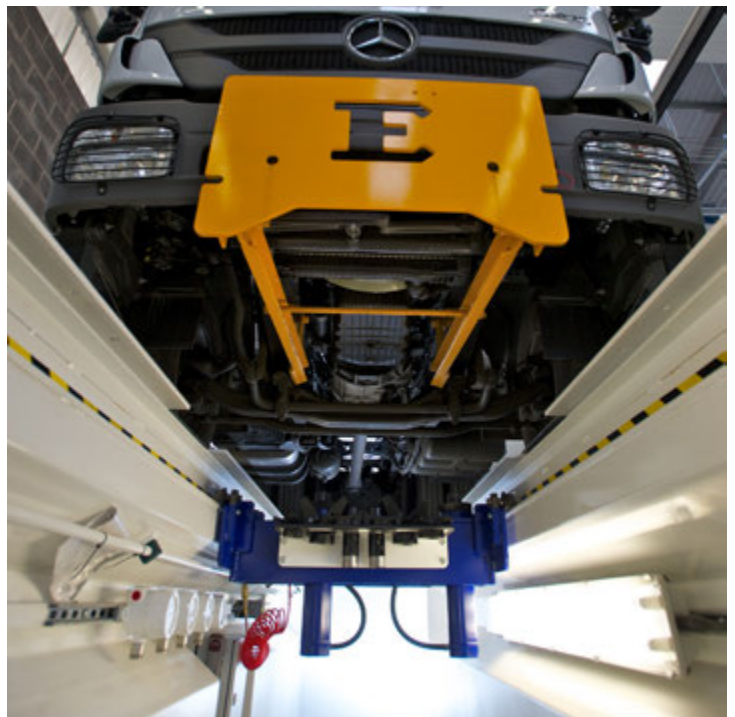


Tecalemit is one of the UK's leading providers of class-leading test lanes for commercial vehicles, coaches and buses

We can offer our expert guidance in the design and layout of the test lane having installed many hundreds of lanes to meet UK statutory testing standards.

Tecalemit equipment can be found in daily use in workshops around the world and has a proven reputation for reliable performance and outstanding durability. All Tecalemit test lane equipment is manufactured in the UK or EU. Tecalemit can supply and support your complete test facility. Our product range includes:

- **Prefabricated Inspection Pits**
- **Hydraulic Pit Jacks**
- **Brake Testers**
- **Emission Testers**
- **Wheel Play Detectors**
- **Headlamp Beam Testers**
- **All ancillary products**

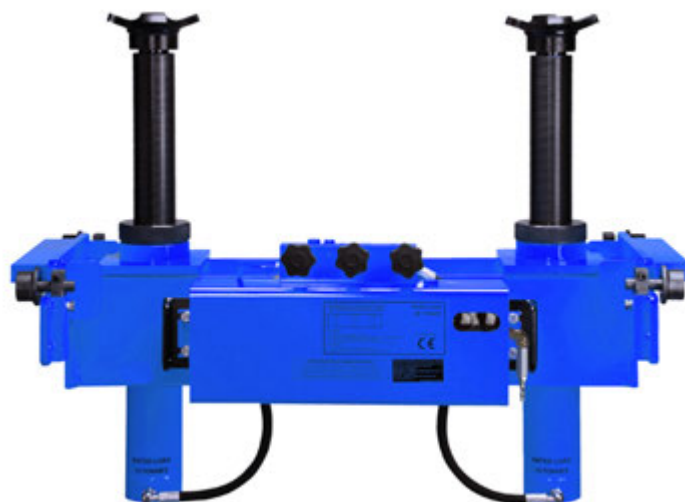




## TEST LANE EQUIPMENT Pit Jacks

The Tecalemit hydraulic pit jack range runs from 3000kg to 20000kg lifting capacity and jack frames are manufactured to fit each specific inspection pit to ensure the best fit and achieve the highest level of safety.

Our high-capacity twin-ram jacks used for commercial vehicles and coaches are air operated. They offer a 305mm lifting stroke, full lateral ram adjustment and a high-safety twin-ram system backed by proven hydraulics and positive mechanical safety locks.



## TEST LANE EQUIPMENT Headlamp Beam Tester



Tecalemit offers a range of headlamp beam testers approved for the testing of all vehicles. The DE/7588 HGV headlamp beam tester is our 3rd generation of headlamp testing equipment, continuing over 40 years expertise in the field. The DE/7588 is a rail mounted headlamp beam tester, supplied complete with installation kit and 4.45m of rails. The unit is mounted on a 3-wheeled base with a graduated light alloy vertical column supporting the optical box.

The DE/7588 has a range of adjustments on 3 axes with an integral laser to set screen height and a transversely mounted lined mirror to set the lateral alignment of the beam tester. The optical box height is easily adjusted and is counter-balanced to aid adjustment. The DE/7588 is also supplied with an integral RS232 port to enable test results to be downloaded, should this be a requirement.

*The beam tester screen for left or right-hand drive vehicles can be included (please specify at time of ordering).*

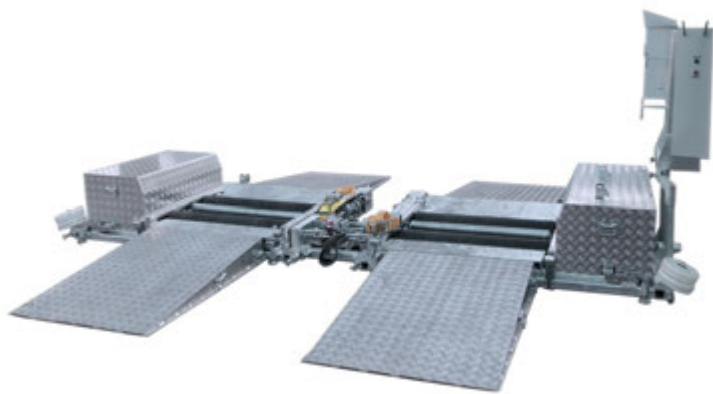
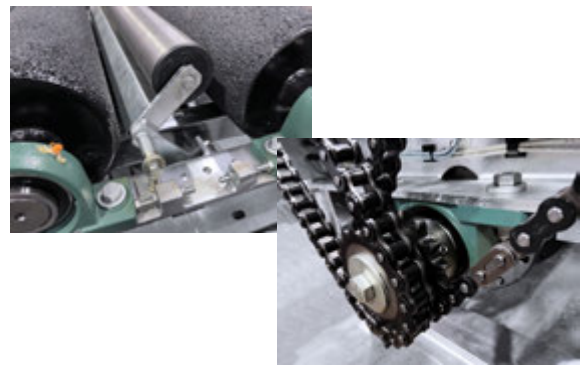
# TEST LANE EQUIPMENT Commercial Vehicle Brake Testers

The DE/9700 inground Commercial Vehicle brake tester was developed from Tecalemit's proven brake testing expertise and unique experience of UK statutory brake testing. The heavy-duty roller bed design includes as standard two high-performance 15kW motors and a 'soft-start' feature which generally are only available as upgrades from other manufacturers.

The DE/9700 is designed for brake testing of:

- Heavy Goods Vehicles (HGV)
- Commercial Vehicles (CV)
- Lorry & Truck Tractor Units & Rigid Bodies
- Trailers, including Tri-Axle Trailers
- PSV Coach & Bus brake testing

The DE/9700 CV brake tester has an 8-sensor axle weighing system, which is integrated into the roller bed/frame system, allowing for automatic brake efficiency calculations. An integrated vehicle record database makes the unit ideal for periodic brake safety tests and checks.



The DE/9722 mobile commercial vehicle brake tester from Tecalemit provides highly accurate, efficient testing for all types of heavy-duty vehicles, including trucks, coaches, buses, and light commercial vehicles. The DE/9722 is an innovative and highly functional mobile brake tester.

As the brake tester is surface mounted, eliminating groundwork, the equipment can move easily between locations and quickly set up to test. The DE/9722 is simple to use and, upon completion of testing, produces a printed report.

## DE/9722 Product Features

- Mobile design for easy positioning
- High-friction durable rollers
- 'Roller Assist' for easy access and egress
- 20t axle load capacity
- 11kW motors
- IP54 Protection
- Suitable for outdoor use
- Suitable for testing 4WD vehicles





# TEST LANE EQUIPMENT Prefabricated Inspection Pits



For many years, it was felt that lifts would be the best way for workshop owners to conduct commercial vehicle maintenance and inspection. More recently, there has been a growing awareness that inspection pits still have much to offer.



Today, commercial vehicles are still commonly serviced with pits rather than on lifts. Firstly, it allows for quicker throughput, which means the vehicles can be serviced faster. Secondly, minimal maintenance is required for pits, making them a cost-effective option. Finally, pits marked with CE 1090 offer improved health and safety measures.

Tecalemit provides a range of pre-fabricated pits that can be found in various commercial vehicle industries, including bus and coach pits, public service vehicle inspection pits, truck, trailer, and HGV inspection pits, general maintenance inspection pits, and railway/locomotive inspection pits.

Although all our pits are built with the same quality process, Tecalemit's pits are made to exact measurements to fit individual vehicles' widths and heights. This customised approach enhances working conditions, making it easier to service commercial vehicles.

Contact the Tecalemit Sales office to arrange for a technical meeting to discuss your specific requirements.



## TEST LANE EQUIPMENT Emission Testers

The Tecalemit MDS is a modular combined emission tester which as standard, incorporates a blue tooth smoke head for testing diesel vehicles and a PC using a windows operating system, all housed in a stylish cabinet.

The gas bench of the 4-gas analyzer used for testing petrol engines has no warm-up time, meaning you can start work immediately.

The smoke meter is Bluetooth Class 1 approved with a range of up to 100 metres. It is mains powered, 240v AC, with a 24v DC transformer protected to IP65. Being mains powered, the smoke meter is continuously maintained at operating temperature and does not require recharging or replacement of expensive batteries, which over the long term can prove an expensive maintenance cost.

The TGD/MDS Emission Tester is approved to Class 00, two classes higher than required under current UK (DVSA) legislation.

With vehicle emissions reducing following the introduction of new technologies, should your legislative authority decide to make changes to the OIML class specification for gas analyzers, the TGD/MDS is ready for them. The new design of condensate trap detects moisture using an electrical sensor; this leads to improved accuracy, a reduction in condensate problems and a reduction in pump running times. The TGD/MDS is upgradable to measure NOx at an additional cost.



## TEST LANE EQUIPMENT Wheel Play Detectors

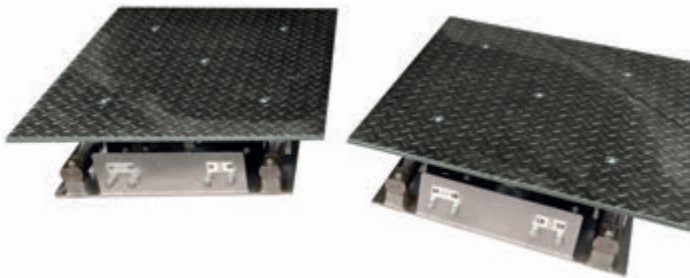
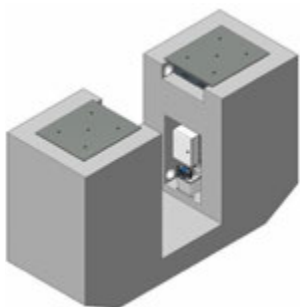


The DE/7353 hydraulic play detector is designed for testing of Heavy Goods Vehicles (HGV) and Public Service Vehicles (PSV) in accordance with the UK statutory test.

The play detector checks for movement and wear in the suspension and steering parts. The system consists of two hydraulically operated platforms and a control unit with an integral lamp. The vehicle is placed with one axle on the platforms. The platforms apply lateral loads so the wheel which will move relative to the vehicle body, revealing movement or wear in the suspension and steering components.

The operator controls the platforms using a hand-held control unit. This allows the technician/examiner to operate the equipment whilst in the inspection pit enabling them to closely inspect the components under test.

A bracket is supplied for safe storage of the control unit. It is essential to contact Tecalemit to arrange a site survey before ordering and before any civil works, ready for installation of the embedded frame.





## TEST LANE EQUIPMENT Car & Van Brake Testers



Tecalemit has been supplying vehicle brake testers for over 60 years. When brake testing was first introduced into the UK MOT test, Tecalemit worked with the UK's Ministry of Transport to develop the specifications.

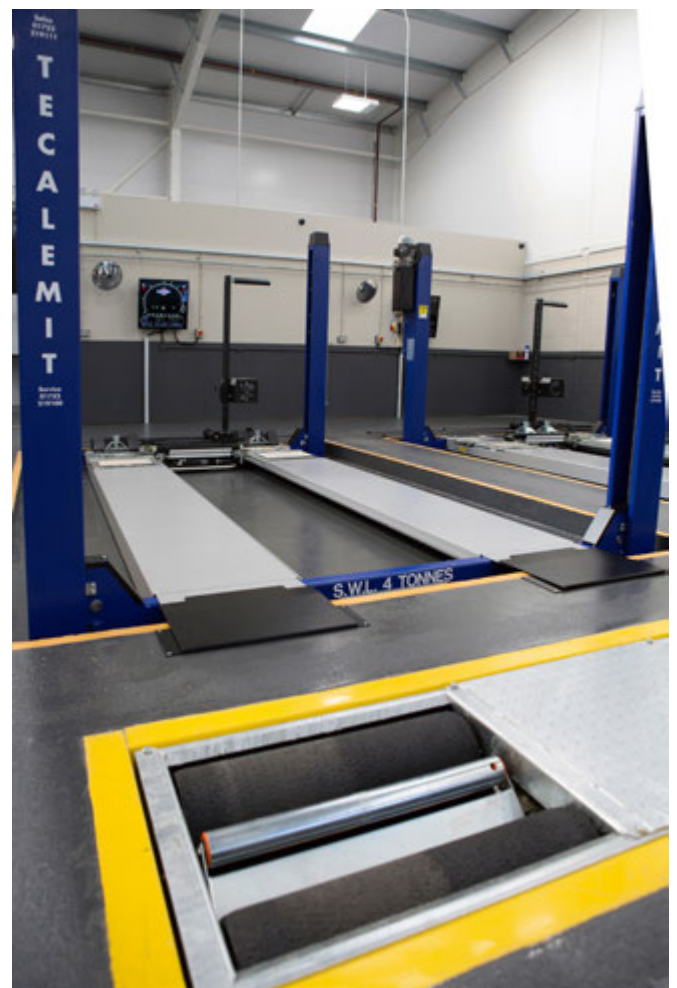
Since then, Tecalemit brake testers have been installed into thousands of MOT Stations and garages not only in the UK but around the world.

Today's brake testers benefit from this vast experience and intimate understanding of the requirements of a modern brake tester.

Our two principal products are the UK Class 4 (Car) brake tester with a 3000kg axle load capacity and our UK Class 7 (Van) brake tester with a 4000kg axle load capacity and wider brake rollers for dual wheel axles.

Both the Car and Van brake testers have fully galvanised roller beds, with 2 x 3kW and 4.5kW motors respectively. An optional high-intensity LED screen can display the test results across the entire test lane. Tecalemit offers varying levels of automation, from fully automated test procedure to entirely operator controlled

For detailed information visit the Tecalemit website [www.tecalemit.co.uk](http://www.tecalemit.co.uk) or call +44 (0) 1752 219 111





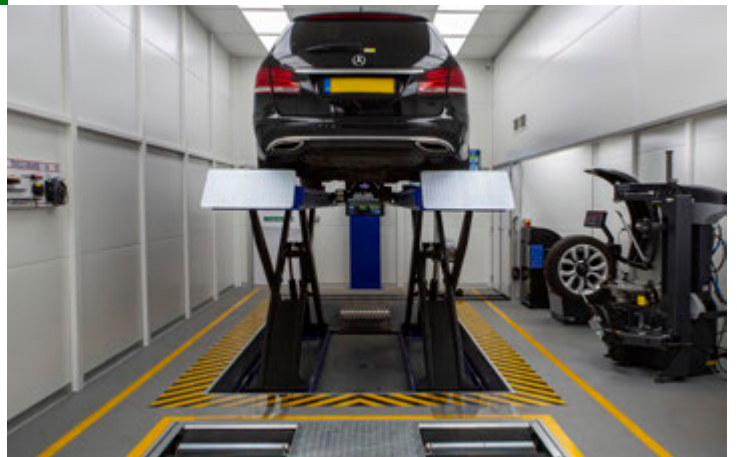
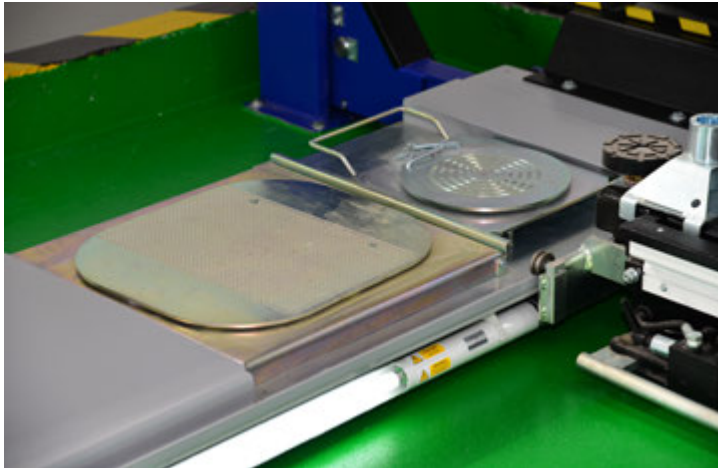
# TEST LANE EQUIPMENT Test Lane Vehicle Lifts

For any test centre high throughput and efficiency is critical and the under-body inspection of the vehicle can be one of the most time-consuming elements of a statutory test. It is vital, therefore, that the vehicle lift is not just reliable, it must be super-robust to deal with the constant throughput of vehicles.



Tecalemit 4-post and scissor lifts both offer the durability and reliability demanded by the busy test lane. Key features include:

- Mechanical safety systems
- Integrated wheel play detectors
- Integrated radius turning plates
- Heavy-duty platforms
- Jacking beam rails
- Wired control for wheel play detectors
- Optional in-platform lighting



# TYRE SHOP EQUIPMENT Wheel Alignment Systems

Tecalemit offers a range of wheel alignment equipment with models to suit all applications and technical requirements. Our entry-level, laser-type wheel aligner offers tremendous value for money whilst still delivering accurate measurements and accommodating a wide range of vehicles. Key features of the GTR/420 include:

- Compact, easy-to-use, high precision 4-wheel laser aligner
- Suitable for wheel sizes from 12" – 23"
- Measures front, rear & total toe, setback and rear axle thrust line
- Camber, caster & SAI with optional digital Camber/Caster Gauge
- Low clearance measuring heads to clear front spoilers
- Wall-mounted rack for storage and charging
- Accurate and easy to use



Our advanced wheel aligners, which use either 4 or 8 cameras, are both easy-to-use and highly accurate giving live, on-screen results. The results are shown against the reference data, included with the aligner, and pass/fail is indicated within seconds of completing the vehicle set-up. Key features of these systems include:

## GTR /8400

- HD digital video cameras enable rapid target capture at any ramp height eliminating the need for a movable boom
- Utilising 4 cameras enables cameras to be positioned closer to the ramp than is possible with 2 camera systems
- The 4 wide angle cameras provide up to twice the range of working heights compared with 2 camera systems
- Unique 'Machine Vision' software provides accurate measurements without the need to calibrate targets
- Integrated database incorporates alignment specifications, adjustment diagrams and animated instruction videos
- Self-centring wheel adapters accommodate wheel sizes 12" to 24"
- Integrated storage for adapters and targets on the cabinet



## GTR /3020

- The user-friendly software guides the technician through the alignment process
- All measurements are compared with the manufacturer's data
- Database carries over 15,000 vehicles reference data
- Colour printout
- Measurement of:
  - Individual front & rear wheel toe angles
  - Front and rear total toe
  - Thrust line and centre lines
  - Front set back
  - Rear set back
  - Camber
  - Caster
  - SAI



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# TYRE SHOP EQUIPMENT **HAWEKA Axis 500 Wheel Aligner**



## HAWEKA AXIS 500 - OPTICAL WHEEL ALIGNMENT SYSTEM FOR TRUCKS

The Axis 500 is a simple to use highly accurate alignment system for trucks and commercial vehicles. Manufactured in Germany by HAWEKA the precision engineered components offer outstanding accuracy and durability even when working in the most demanding conditions.

Flexible and electronic truck wheel alignment technical features:

- Measurement done in normal driving condition; no lifting required
- All vehicles are reliably measured using one measurement system
- Recording of the measurement values using the inclinometer
- Easy installation on the rims using magnets – quick-action clamping system for all aluminium rims
- 360° rotatable measurement head with battery/laser technology
- Fast measurement of the total and single toe, camber, toe-out-on-turns, castor, axle tilt, axle offset and centring of the steering gear
- Vehicle frame is considered in every measurement
- All front axle alignments are done within 10 minutes, including the setup time
- A one-man operation – only one person is required for the entire measurement process
- The good price-performance ratio guarantees fast amortisation
- Mobile, massive tool-kit also included in the delivery content



## SAD500 - OPTICAL TESTING SYSTEM FOR ADAS OF COMMERCIAL VEHICLES

For use with Axis 500 with a PC based wireless laser system.

The SAD500 enables inspection and adjustment of ADAS (Additional Driver Assistance Systems) on commercial vehicles. With the SAD500 - the optical adjustment for advanced driver assistance systems - the systems ACC sensor and lane departure can be optimally adjusted.



# TYRE SHOP EQUIPMENT Tyre Changers



Tecalemit tyre changers are designed for use in professional tyre shops where high throughput is demanded and operators are regularly working on the latest generation tyres and wheels.

Our G-frame concept include additional structural elements for improved strength. The bead breaker and the base of the vertical column are welded to the frame to improve strength and stability to enable the safe removal of run-flat, low profile and extra-wide tyres. With this state-of-the-art design operators can work without the risk of damage to the wheel rim or the tyre.



Key features of found our range include:

- Variable rotation speed
- Up to 30" external rim clamping
- Comprehensive range of assistant arms
- Integrated tyre inflation systems
- Patented bead breaker design
- Technoroller & helper arm system
- Complete range of accessories

For detailed information about the complete, European manufactured, Tecalemit range visit the Tecalemit website at [www.tecalemit.co.uk](http://www.tecalemit.co.uk) or call the sales office directly +44 (0) 1752 219 111





# TYRE SHOP EQUIPMENT Wheel Balancers

Tecalemit electronic wheel balancers are highly accurate

From our entry-level TBM/960 through to the top of the range Wave 5, the Tecalemit wheel balancer range is packed with advanced technology and time-saving solutions that produce highly accurate, repeatable results. All balancers feature our easy-to-use software programmes, space-saving design and precision engineered balancing shafts and measuring cells. Other key features in the range include:

- Option of TFT touch-screen or LED display screens
- Laser wheel measurement
- Internal light ring
- Automated wheel weight positioning
- Balancing programs for all types of wheels
- Hidden weight program for spoked wheels
- Auto start/stop
- Ergonomic design with ample storage for weights and accessories
- Self-diagnostic function on Wave5 balancer
- All balancers compatible with the Haweka range of wheel balancing accessories

For detailed information about the complete, European manufactured, Tecalemit range visit the Tecalemit website at [www.tecalemit.co.uk](http://www.tecalemit.co.uk) or call the sales office directly +44 (0) 1752 219 111

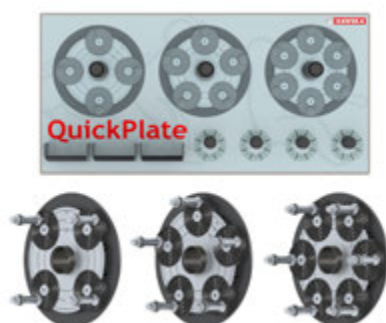
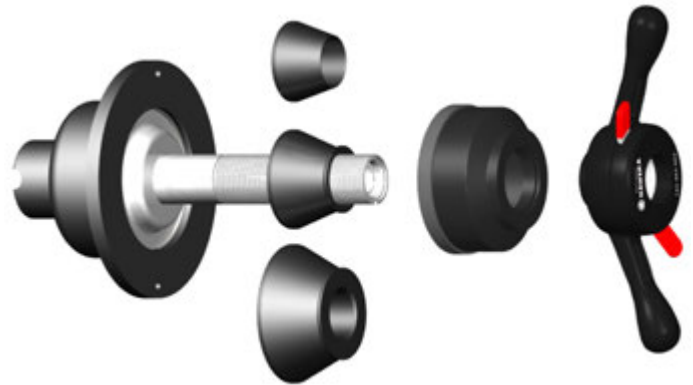


# TYRE SHOP EQUIPMENT **HAWEKA** Wheel Balancer Accessories

The key to a perfectly balanced wheel, regardless of how good the wheel balancer, is correct positioning of the wheel on the balancing shaft of the wheel balancer. The acknowledged world leader in the field of precision-engineered mounting adapters is HAWEKA.

HAWEKA continues to develop different types of centring and clamping systems to achieve perfection in wheel balancing. The result is a wide selection of balancing accessories that suit all types of vehicles on one hand and all common wheel balancers on the other hand.

HAWEKA offer solutions for almost all types of vehicles – cars, trucks, light trucks, off-road vehicles, or motorcycles – regardless of the type or brand of your wheel balancer.





## SPECIALIST EQUIPMENT **Pro-Cut Brake Lathes**



Tecalemit is proud to distribute Pro-Cut on-car brake lathes.

The patented PFM X9 on-car brake lathe from Pro-Cut is a truly world beating product. It is one of the few vehicle maintenance products that in the space of just 10 minutes can transform a motorist's driving experience, eliminating brake vibrations and pulsations.

The PFM X9 combines the best existing technologies, like patented PFM one button computerised compensation system, and 4-wheel 4 axis fully adjustable trolley, and combines them with a rigid new X-frame lathe chassis, powerful belt driven high-torque drive-train, and super bright 6 LED light to give you a clear path to higher profits. All X9s come with the famous DRO display that includes live run-out, productivity tracking, and lathe diagnostics. The X9 is digitally expandable to optional G2X system.

For more information on this remarkable product call the Tecalemit Sales office today.

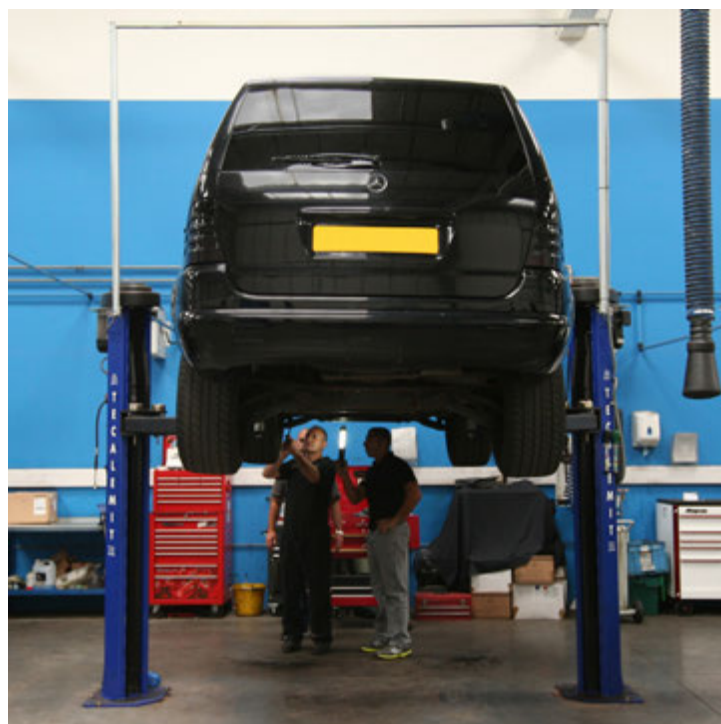
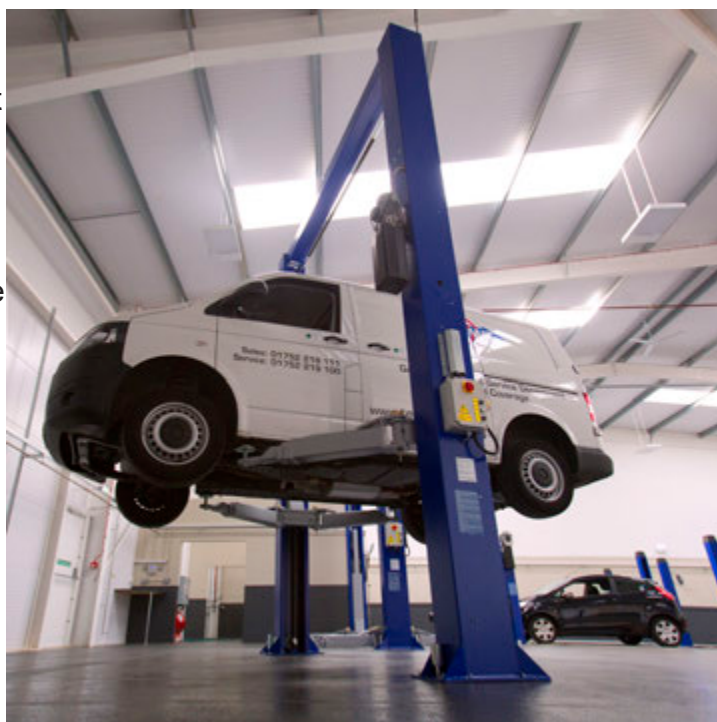




## LIFTING EQUIPMENT 2-Post Lifts

Tecalemit 2-post lifts cover lifting capacities from 3t to 7t, providing a range of dimensions and specifications to cover all passenger cars and light commercial vehicles. All lifts are manufactured within the EU and fully conform to EU/CE regulations.

For detailed information visit the Tecalemit website [www.tecalemit.co.uk](http://www.tecalemit.co.uk) or call +44 (0) 1752 219 111



## LIFTING EQUIPMENT 4-Post Lifts



Tecalemit 4-Post lifts are the perfect solution for general servicing work and under-body repairs. 4-Post lifts provide a safe and stable platform for all types of vehicles. Wheel-free access can be achieved using a jacking beam (optional accessory) which is installed onto the purpose designed rails within the lift platform. The Tecalemit range includes:

- Lifting capacities from 3.5t – 6t capacity
- Hydraulic and mechanical safety systems
- Platform lengths from 4.3m to 6.5m
- Specialist lifts for wheel alignment
- Specialist lifts for test lanes
- Surface-mount or recessed installation options
- Optional lighting kits & jacking beams

For detailed information visit the Tecalemit website [www.tecalemit.co.uk](http://www.tecalemit.co.uk) or call +44 (0) 1752 219 111





## LIFTING EQUIPMENT Scissor Lifts

Scissor lifts provide a superb, space-saving solution in any workshop. They also give unrestricted access all around the vehicle – ideal when using on-car brake lathes and wheel alignment equipment.

Tecalemit scissor lifts are supplied in 2 basic designs, short platform, allowing the wheels to hang free – perfect for general servicing and repair work and long platform, the vehicle is driven onto the lift and raised fully supported, as used for wheel alignment and in test lane situations.

The Tecalemit range covers 10 models, with lifting capacities from 3t to 5t

For detailed information visit the Tecalemit website [www.tecalemit.co.uk](http://www.tecalemit.co.uk) or call +44 (0) 1752 219 111





# LIFTING EQUIPMENT Commercial Vehicle Lifts



Tecalemit heavy-duty lifts have been developed to meet the specific requirements of commercial vehicle operators. The range runs from 8t to 30t capacities for 4-post platform lifts, up to 20t for scissor lifts and mobile lifting columns with individual capacities of up to 10t in sets of 4, 6 or 8 columns.

For detailed information visit the Tecalemit website [www.tecalemit.co.uk](http://www.tecalemit.co.uk) or call +44 (0) 1752 219 111







## **GARAGE EQUIPMENT**

since 1922

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