Automotive Workshop  Design  Equipment  Installation
All Around Australasia

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## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>4</td>
</tr>
<tr>
<td>Design</td>
<td>5</td>
</tr>
<tr>
<td>Layout Plans</td>
<td>6 - 13</td>
</tr>
<tr>
<td>Installation</td>
<td>14 - 15</td>
</tr>
<tr>
<td>Dispensing Equipment</td>
<td>16 - 19</td>
</tr>
<tr>
<td>Waste Oil Handling Equipment</td>
<td>20 - 23</td>
</tr>
<tr>
<td>Vehicle Hoists</td>
<td>24 - 25</td>
</tr>
<tr>
<td>On Car Service Equipment</td>
<td>26</td>
</tr>
<tr>
<td>Exhaust Extraction Equipment</td>
<td>27</td>
</tr>
<tr>
<td>Vehicle Hoist Installation and Service</td>
<td>28</td>
</tr>
<tr>
<td>Wash Bay Equipment</td>
<td>29</td>
</tr>
<tr>
<td>Workshop Components</td>
<td>30 - 31</td>
</tr>
<tr>
<td>Monitoring Systems</td>
<td>32</td>
</tr>
<tr>
<td>Spill Containment</td>
<td>33</td>
</tr>
<tr>
<td>RAV Tyre Changers</td>
<td>34</td>
</tr>
<tr>
<td>RAV Wheel Balancers</td>
<td>35</td>
</tr>
<tr>
<td>RAV Wheel Aligners</td>
<td>36</td>
</tr>
<tr>
<td>UNITE Tyre Changers &amp; Wheel Balancers</td>
<td>37</td>
</tr>
<tr>
<td>Dealership Installations</td>
<td>38 - 43</td>
</tr>
</tbody>
</table>
Introduction

Alemlube has many years experience in the automotive industry specialising in workshop design, workshop fitout, equipment supply and equipment installation.

Following extensive consultation with you, the Alemlube team will design your new workshop maximising the available space and resulting in a practical, functional and efficient solution.

Furthermore, Alemlube will assist the Architect to ensure that all requirements are met in relation to power specifications and suitable locations for all relevant vehicle hoist, compressors and general workshop equipment.

Accessing an extensive range of automotive workshop equipment from the world's foremost manufacturers, Alemlube can supply and install all necessary equipment and components in addition to customised manufacturing, including:

- All air, oil, and water supply lines regardless of size and scope, and incorporate a quality range of fluid handling equipment, for example air opearted lube pumps, hose reels and electronic oil meters.
- Australian compliant vehicle hoists, 2 post, 4 post and scissor
- An impressive range of tyre changers, wheel balancers and wheel aligners
- Exhaust extraction equipment to service any situation from a single bay workshop to a multi-bay automotive dealership
- Bulk waste and new oil storage requirements manufactured to suit your specific space and volume considerations
- Workshop benches, manufactured to any specification to suit your needs and available in your corporate colour

Alemlube provides successful dealer principles and workshop managers with cost effective solutions to their workshop fitout requirements, no matter what size or level of infrastructure.

The complete workshop is what we do best. You can trust the design, supply of equipment, installation and commissioning of your workshop equipment to the dedicated team of experts at Alemlube.
The design and planning stage begins with a complete overview of the final architectural drawings. Consultation then takes place with all personnel involved in the operation of the service workshop facility. We come away with an understanding of the direction that needs to be followed to produce the required solution.

The layout plan of the facility now proceeds specifying the location of vehicle hoists, required services such as oil reticulation, compressed air supply, water supply and waste oil services. All specific measurements will be noted in relation to locations of equipment, such as vehicle hoists, to enable the accurate documentation of power and other operational service needs.

The design gives you the client, a visual impression of the form that the service workshop will take after considering all aspects desired to provide the optimal result in the space available. Additionally, we can provide a CAD drawing giving a more full perspective of the layout.

The completed layout plan is effectively a working drawing to hand over to the builder, electrician, plumber etc. And, the plan indicates to you exactly what Alemlube will be proposing in a tender for the service workshop fitout.
Yarra Honda

The Result
The Result

Audi Penfold
NRMA Motorserve
**Pump Room**

A rational way of organising the oil and grease storage and distribution is to design a pump room for the storage of drums and tanks. This helps to improve the working environment, avoids lubricant contamination and minimises the risk of fire hazards. This room can also house the air compressor. Pumps can be mounted directly onto drums or tanks or fixed on the wall. When fixed on the wall, pumps must be connected by an adequate suction element. Which ever way, a shut off valve must be used between the pump outlet hose and the fluid distribution line in addition to an air pressure regulator with filter at each pump air inlet. The pump type and its pressure ratio will depend on the fluid distribution line length and diameter, the fluid viscosity, the number of outlets and the flow requirements. The waste oil storage tank could also be housed in the pump room and will require a discharge output as well as the required means of discharging the waste. Mobile waste oil drainers will assist in this process.

**Lubricant Usage Control**

In order to keep control of each transaction, and to limit access of usage to authorised personnel only, an oil monitoring system can be installed. Through an access keypad, authorised personnel can use every dispensing outlet and all the data relating to each usage (name of user, amount and type of lubricant used, time and date of the transaction, etc.) is stored and can be retrieved as an information report. This system can also be utilised to keep an inventory control of the different lubricants stored in the pump room, setting alarms when any of the lubricants have reached a minimum level and entered into the reorder level.

**Working Area**

A dedicated hose reel must be used for each type of fluid, motor oil, gear oil, compressed air, grease, water, etc. A suitable control valve is then connected to each hose end. In the case of lubricants, control valves include a volumetric meter with partial register for controlling the volume of oil delivered at each service and a totaliser to indicate the total volume of oil dispensed. Hose reels can be floor, wall or ceiling mounted and can also be installed within lubrication pits, for easy access to greasing points and gear oil fills. A shut off valve must be installed between every hose reel inlet hose and the fluid distribution line. Other equipment to consider in the working area are mobile waste oil drainers and mobile units for the distribution of grease and lesser used lubricants.
General Installation Layout

Supply and installation of all Service Pipe Systems
- Compressed air
- Oil delivery
- Water
- Waste oil

Supply and installation of Bulk Oil Storage Tanks
- Single or twin skinned
- Any volume and size required

Supply and installation of Custom Built Workbenches
- Design, size and colour to suit your corporate ID
Air Operated Oil Pumps

A pump is selected according to the effective delivery flow required taking into account factors such as fluid viscosity, pipeline length, pipeline internal diameter, simultaneous outlet operation etc. All these factors determine the pressure drop created in the distribution circuit. Unless otherwise specified, oil distribution pipelines should have a minimum internal diameter of 3/4". Pump performance can always be improved by installing a larger diameter pipeline.

### PumpMaster 2

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Application</th>
<th>Pump Tube Height</th>
<th>Total Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>351120</td>
<td>Wall Mounted*</td>
<td>215mm</td>
<td>500mm</td>
<td>2.5kg</td>
</tr>
<tr>
<td>352120</td>
<td>205L Drum</td>
<td>915mm</td>
<td>1200mm</td>
<td>4.8kg</td>
</tr>
</tbody>
</table>

- Air pressure operating range: 3-10 bar (40 to 140psi)
- Maximum fluid outlet pressure: 10 bar (140psi)
- Air motor diameter: 51mm (2.0")
- Air motor effective diameter: 35mm (1.4")
- Air motor stroke: 75mm (3")
- Number of cycles per minute: 160
- Maximum free flow delivery: 55LPM
- Fluid inlet: 1/4" BSP (f)
- Fluid outlet: 3/4" BSP (f)
- Wetted and seal materials: Aluminium / Steel / Zinc / NBR / Acetal / Polyurethane
- Noise level: 80 dB

### PumpMaster 2

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Application</th>
<th>Pump Tube Height</th>
<th>Total Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>353120</td>
<td>Wall Mounted*</td>
<td>200mm</td>
<td>495mm</td>
<td>3.0kg</td>
</tr>
<tr>
<td>358120</td>
<td>60L Drum</td>
<td>700mm</td>
<td>995mm</td>
<td>3.9kg</td>
</tr>
<tr>
<td>354120</td>
<td>205L Drum</td>
<td>905mm</td>
<td>1200mm</td>
<td>4.2kg</td>
</tr>
</tbody>
</table>

- Air pressure operating range: 3-10 bar (40 to 140psi)
- Maximum fluid outlet pressure: 30 bar (420psi)
- Air motor diameter: 51mm (2.0")
- Air motor effective diameter: 35mm (1.4")
- Air motor stroke: 75mm (3")
- Number of cycles per minute: 175
- Maximum free flow delivery: 35LPM
- Fluid inlet: 1/4" BSP (f)
- Fluid outlet: 3/4" BSP (f)
- Wetted and seal materials: Aluminium / Steel / Zinc / NBR / Polyurethane
- Noise level: 80 dB

### PumpMaster 4

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Application</th>
<th>Pump Tube Height</th>
<th>Total Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>347120</td>
<td>Wall Mounted*</td>
<td>278mm</td>
<td>663mm</td>
<td>5.0kg</td>
</tr>
<tr>
<td>348120</td>
<td>205L Drum</td>
<td>915mm</td>
<td>1300mm</td>
<td>7.0kg</td>
</tr>
</tbody>
</table>

- Air pressure operating range: 3-10 bar (40 to 140psi)
- Maximum fluid outlet pressure: 50 bar (700psi)
- Air motor diameter: 88mm (3.5")
- Air motor effective diameter: 60mm (2.4")
- Air motor stroke: 100mm (3")
- Number of cycles per minute: 145
- Maximum free flow delivery: 30LPM
- Fluid inlet: 3/8" BSP (f)
- Fluid outlet: 1/2" BSP (f)
- Wetted and seal materials: Aluminium / Steel / Zinc / NBR / Polyurethane / PTFE
- Noise level: 95 dB
Samoa Hose Reels  506 Series
Aluminium and composite material single arm hose reel suitable for air, water, oil, antifreeze and windshield wash fluid.

- Aluminium base and guide arm provides the rigidity to withstand the most demanding applications
- Epoxy coated aluminium base and arm, composite material spool and stainless steel fasteners provide superb corrosion resistance
- Nickel protected full ported shaft and swivel for maximum product delivery
- Extra large 4 x 10mm long plastic ratchet mechanism and latch paul
- Six roller hose outlet increases hose life, prevents hose pinching and reduces friction

Samoa Hose Reels  502 Series
Individually enclosed hose reel for air, low and high pressure water, medium pressure lubricants and high pressure grease. All metal construction, the 502 Series reels can handle up to 10m (30’) of 1/2” or 13m (43’) of 3/8” hose.

- Corrosion resistant aluminium shields form a very rigid structure
- Brass forged shaft compatible with a wide range of fluids ensures corrosion free and leak proof operation
- Fatigue resistant steel spring for years of durable performance
- Multi-positional mounting brackets allow for wall, ceiling, floor or tank mounting
- Epoxy powder coated casing

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>APPLICATION</th>
<th>HOSE LENGTH</th>
<th>HOSE DIAMETER</th>
<th>PRESSURE RATING</th>
<th>OUTLET THREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>506101</td>
<td>Water</td>
<td>10m (30’)</td>
<td>3/8”</td>
<td>50 bar (700psi)</td>
<td>3/8” (m)</td>
</tr>
<tr>
<td>506202</td>
<td>Oil</td>
<td>10m (30’)</td>
<td>1/2”</td>
<td>100 bar (1,500psi)</td>
<td>1/2” (m)</td>
</tr>
<tr>
<td>506300</td>
<td>Grease</td>
<td>10m (30’)</td>
<td>1/4”</td>
<td>350 bar (5,000psi)</td>
<td>1/4” (m)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>APPLICATION</th>
<th>HOSE LENGTH</th>
<th>HOSE DIAMETER</th>
<th>PRESSURE RATING</th>
<th>OUTLET THREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>502101</td>
<td>Air</td>
<td>13m (43’)</td>
<td>3/8”</td>
<td>20 bar (280psi)</td>
<td>3/8” (m)</td>
</tr>
<tr>
<td>502104</td>
<td>Air</td>
<td>10m (30’)</td>
<td>3/8”</td>
<td>20 bar (280psi)</td>
<td>3/8” (m)</td>
</tr>
<tr>
<td>502204</td>
<td>Oil</td>
<td>10m (30’)</td>
<td>1/2”</td>
<td>100 bar (1,500psi)</td>
<td>1/2” (m)</td>
</tr>
<tr>
<td>502304</td>
<td>Grease</td>
<td>10m (30’)</td>
<td>1/4”</td>
<td>350 bar (5,000psi)</td>
<td>1/4” (m)</td>
</tr>
</tbody>
</table>
Samoa Hose Reels  504 Series
Heavy duty reinforced double pedestal hose reel for air, low and high pressure water, medium pressure oil and high pressure grease. All metal construction, can handle up to 15m (50') of 1/2" hose
• Brass forged shaft compatible with a wide range of fluids ensures corrosion free and leak proof operation
• Very robust reinforced all steel heavy duty construction with double pedestal arm
• Special fatigue resistant steel spring for years of durable performance
• Positionable outlet arms allow for wall, ceiling, floor or tank mounting
• Epoxy powder coated for increased wear resistance
• No special maintenance required

<table>
<thead>
<tr>
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<th>APPLICATION</th>
<th>HOSE LENGTH</th>
<th>HOSE DIAMETER</th>
<th>PRESSURE RATING</th>
<th>OUTLET THREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>504100</td>
<td>Air, Water</td>
<td>15m (50')</td>
<td>1/2&quot;</td>
<td>20 bar (300psi)</td>
<td>1/2&quot; (m)</td>
</tr>
<tr>
<td>504200</td>
<td>Oil</td>
<td>15m (50')</td>
<td>3/8&quot;</td>
<td>170 bar (2,500psi)</td>
<td>3/8&quot; (m)</td>
</tr>
<tr>
<td>504300</td>
<td>Grease</td>
<td>15m (50')</td>
<td>1/4&quot;</td>
<td>350 bar (5,000psi)</td>
<td>1/4&quot; (m)</td>
</tr>
<tr>
<td>504301</td>
<td>Grease</td>
<td>15m (50')</td>
<td>3/8&quot;</td>
<td>280 bar (4,000psi)</td>
<td>3/8&quot; (m)</td>
</tr>
</tbody>
</table>

Samoa Options and Accessories

360160  Hose Reel Mounting Gantry
Specially designed for the installation of one to six open or enclosed hose reels in a bank. Ideal when it is not convenient or possible to ceiling or wall mount reels, or to provide easy access to service bays.

360127  Wall Mounted Drip Pocket and Gun Holder
Safely and conveniently holds oil control valves and electronic oil meters and contains drips.
Samoa Oil Control Valves
- Manufactured in aluminium with ergonomic grip and trigger
- NBR valve with progressive action for comfortable operation even with 10:1 ratio pumps
- Includes a ball bearing inlet swivel with large capacity screen filter
- 1/2" BSP (f) fluid inlet thread: 363078
- 3/4" BSP (f) fluid inlet thread: 363051

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>APPLICATION</th>
<th>OUTLET TYPE</th>
<th>MAX. WORKING PRESSURE</th>
<th>MAX. DELIVERY RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>363078</td>
<td>All lubricants</td>
<td>Flexible / 90°</td>
<td>105 bar (1500psi)</td>
<td>25LPM</td>
</tr>
<tr>
<td>363051</td>
<td>High volume delivery</td>
<td>Rigid / 60°</td>
<td>105 bar (1500psi)</td>
<td>45LPM</td>
</tr>
</tbody>
</table>

Samoa Electronic Oil Meters
- Oval gear meter with electronic digital LCD display for measured delivery of lubricants up to SAE 140
- Meters are factory calibrated and can easily be re-calibrated for increased accuracy
- Meter powered by 2 AAA batteries
- Supplied with a protective rubber shroud to prevent meter damage
- Two separate displays in litres: Resettable 4 digit batch display Non-resettable totaliser

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<th>OUTLET TYPE</th>
<th>MAX. WORKING PRESSURE</th>
<th>MAX. DELIVERY RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>365603</td>
<td>All lubricants</td>
<td>Flexible / 90°</td>
<td>105 bar (1500psi)</td>
<td>25LPM</td>
</tr>
<tr>
<td>365604</td>
<td>ATF</td>
<td>Flexible / Straight</td>
<td>105 bar (1500psi)</td>
<td>45LPM</td>
</tr>
</tbody>
</table>

K500N2 Electronic Preset Oil Meter
- Preset the amount of lubricant to be dispensed
- Once the preset amount of lubricant has been dispensed, the meter automatically closes the valve and the nozzle stops dispensing
- Can automatically meter from 0.1 litre to 99.9 litres
- Pressure molded meter body resists high pressures and is protected by a shockproof rubber shell
- Maximum flow of 30LPM, minimum flow of 1LPM
- Accurate to ±0.5%
- Up to five preselected batch quantities are programmable into the memory
Waste Oil Drainers / Extractors
Mobile units specifically designed and manufactured for gravity collection of motor oil, gear oil and other non-aggressive automotive fluids. Easily positioned under vehicle hoists and inside lubrication pits.

372000 Mobile Waste Oil Drainer & Extractor
- Drains and/or extracts waste oil from cars and light commercial vehicles
- Drain bowl capacity of 20 litres
- Holding tank capacity of 100 litres
- Clear viewing inspection bowl capacity of 8 litres
- Maximum working height of 2000mm
- Minimum working height of 1600mm
- Suction hose includes a rubber grip and a non drip cap

372400 Mobile Waste Oil Drainer
- Premium quality and European engineering
- Drain bowl capacity of 20 litres
- Holding tank capacity of 100 litres
- Maximum working height of 2000mm
- Minimum working height of 1400mm
- Unique specially molded tray can be used to hold bolts, filters and washers
- Heavy duty, large and swivelling (front only) castors provide maximum unit mobility
- Unique and adjustable off centre catchment bowl assists in vehicle waste fluid collection
- Collected vehicle waste fluids can be pressurised or pumped out of the 80 litre capacity holding tank

371600 Mobile Waste Oil Drainer
- Air operated vacuum pump extracts waste oil from cars and light commercial vehicles
- 24 litre tank capacity with side level gauge
- Can be used disconnected from the air supply once a vacuum has been created
- Includes suction probes, connectors and a 2-metre suction hose with rubber handle
30080  **Mobile Waste Oil Drainer**
- Transfers and captures waste oil from crankcases, transmissions and differentials
- Holding tank capacity of 80 litres
- Height adjustable waste oil reservoir
- Holding tank emptied with the aid of air pressure
- Equipped with a pneumatic safety relief valve calibrated at 14psi

30101  **Mobile Waste Oil Drainer & Extractor**
- Transfers and captures waste oil from crankcases, transmissions and differentials
- Holding tank capacity of 80 litres
- Height adjustable waste oil reservoir
- Holding tank emptied with the aid of air pressure
- Suction speed rate of 6.5 litres per minute

30101  **Mobile Waste Oil Drainer & Extractor**
- Transfers and captures waste oil from crankcases, transmissions and differentials
- Holding tank capacity of 80 litres
- Height adjustable waste oil reservoir
- Holding tank emptied with the aid of air pressure
- Suction speed rate of 6.5 litres per minute

436000  **Low Level Mobile Drainer**
- 95L capacity unit for use with passenger cars, vans and commercial vehicles
- Dimensions: 1250 x 610 x 260mm
Air Operated Diaphragm Pumps

Alemlube has a diaphragm pump to suit any workshop need. A wide selection of diaphragms manufactured from a range of materials, ball or flapper valve priming and pump bodies manufactured from aluminium, cast iron, polypropylene and stainless steel enable the pumps to be used for the transfer of an extremely wide range of fluids.

**NDP-15FPH**

1/2” Air Operated Diaphragm Pump

- Maximum flow rate of 45 LPM
- Maximum delivery per cycle of 70cc
- Polypropylene body and hytrel diaphragms
- Weight of just 3.5kgs
- 1/2” NPT (f) fluid inlet
- 3/4” NPT (f) air inlet
- 1/2” NPT (f) fluid outlet
- Dimensions of 297mm (W) x 220mm (H) x 180mm (D)
- Mounting hole layout of 115mm x 122mm
- Suitable for the transfer of waste oils, waste water, fuel, oil

**NDP-20BAH**

3/4” Air Operated Diaphragm Pump

- Maximum flow rates of 100LPM
- 3/4” BSP (f) inlet and outlet ports
- Aluminium body and hytrel diaphragms
- Suitable for the transfer of diesel fuel, gear oil, engine oil, waste oil, antifreeze and waste water
- Maximum delivery per cycle of 350cc
- Light weight at 9kgs
- Mounting hole layout of 140mm x 195mm
- Dimensions of 249mm (W) x 319mm (H) x 180mm (D)
- Poly and stainless steel models also available

**NDP-25BAH**

1” Air Operated Diaphragm Pump

- Maximum flow rates of 160LPM
- 1”BSP (f) inlet and outlet ports
- Aluminium body and hytrel diaphragms
- Suitable for the transfer of diesel fuel, gear oil, engine oil, waste oil, brake fluid, antifreeze and waste water
- Maximum delivery per cycle of 600cc
- Weight of just 13kg
- Mounting hole layout of 170mm x 222mm
- Dimensions of 287mm (W) x 382mm (H) x 210mm (D)
Waste Oil Handling Equipment

Diaphragm Pumps In Action
Vehicle Hoists

Everlift from China
The Everlift range of vehicle hoists is designed to provide valuable assistance in day-to-day automotive workshop operations, at the right price.

Manufactured by the leading manufacturer of automotive lifts in China, the Everlift range from Alemlube is backed by decades of experienced technical research and development.

Five 2-post and two 4-post hoists are available providing perfect synchronisation between carriages regardless of load distribution, and three scissor lifts complete the range.

Each Everlift hoist is controlled by an aluminium motor to prevent overheating and offers high quality and reliable performance.
Ravaglioli from Italy

Ravaglioli S.p.A. is one of the world's top-ranking companies in the automotive workshop equipment industry. Alemlube proudly distributes Ravaglioli in Australia because it is Europe's leading manufacturer of vehicle hoists and among the major manufacturers of tyre and test equipment (vehicle testing and wheel alignment).

Established in 1958 as a manufacturer of repair workshop equipment, Ravaglioli has continued developing all aspects of vehicle lifting (cars and commercial vehicles) without interruption. The over 300,000 lifts, of the "two-post" type alone, sold throughout the world, attest to our standard of specialisation and the lead role that Ravaglioli plays in the industry.

The range of Ravaglioli products available from Alemlube includes two post electro-mechanical hoists (3.2T, 4T and 5T), a 4T electro-hydraulic baseless hoist, four post electro-hydraulic hoists (4T, 6.5T, 8T, 12T, 14T 20T and 24T), scissor lifts, low, mid and full rise, mobile column lifts and jacking beams.
**47070A Fully Automatic ATF Exchanger**
- Automatically replaces up to 99% of a vehicle’s transmission fluid
- Sturdy compact design
- A complete ATF exchange done in 15 minutes or less
- No need to tie up a vehicle hoist and a qualified mechanic
- Ideal for taxi workshops and workshops undertaking a lot of work on late model vehicles which don’t have dipstick capability

**47040N Coolant Changer**
- Extracts and replaces coolant from a vehicle’s radiator, engine block and heater core utilising compressed air
- Pneumatic design for easy fluid changing
- Transparent twin 16 litres capacity cylinders to assist in the monitoring of the extraction and recharging process
- Air operated - no AC or DC power required
- Completely changes radiator coolant in less than 5 minutes
- Supplied with radiator adaptors to suit most vehicles
- Sturdy, compact and maintenance free
- Dimensions of 330mm (D) x 450mm (W)x 1400mm (H)
- Weight of 44kg

**47081A Air Conditioning Fluid Recharger**
- Fully automatic air conditioning fluid recharging machine complete with printer
- 240V operation with acoustic and visual service alarm alerting the operator that maintenance and filter replacement are required
- Suitable for use with R1349 refrigerant
- Vacuum pump capacity of 72LPM
- Data base is quickly and easily upgradable through the RS232 port
- Quick and easy to operate
- Invest in your new profit centre now
- Programmable charging with a preset quantity of refrigerant plus automatic stop
- 18kg refillable refrigerant bottle with automatic heater

**Exsol Coolant Changer**
- Fast and easy operation with or without compressed air
- The universal vacuum nozzle attached to all vehicle types without the need for adaptors
- Energy saving, no electricity or battery required
- No pumps or moving parts means maintenance free operation
- Helps to eliminate air pockets during coolant flushing
- Environmentally safe
Exhaust Extraction

Alemlube offers a wide range of fume extraction equipment that can be used in motor bike, car, van, truck or bus workshops. The advent of higher revving engines and diesel engine vehicles requiring dyno service work, an increased focus by employers on the well-being and working conditions of their team and OH&S issues have combined to generate an increased awareness of the need to provide mechanics with a cleaner and healthier working environment.

**Aerservice**

**AS Series  Workshop Fume Extractors**
- Reduce vehicle emissions by improving air quality in your workshop
- OH&S friendly
- Spring, push button or cordless remote rewind option available
- Various models available for motorbikes, car, buses and trucks
- Fixed, or with the aid of channel rails, mobile operation is possible
- Supply, installation and commissioning readily available

**Aerservice**

**AP1 75/5 240V  Wall Mounted Fume Extractor**
- Wall mounted fume extraction system suitable for cars and industrial vehicles such as forklifts etc
- Cost effective system that is ideal for small workshops, tyre stores and quick lube tune up bays
- 240V plug and play for do it yourself easy installation
- Comes complete with 5 metres of 75mm ID light rubber hose reinforced with squash resistant nylon spiral, rated to a maximum of 130°C and rubber exhaust nozzle

**Zeca**

**675  Compressed Air Exhaust Extractor**
- A new concept air operated exhaust gas extractor
- Attached compressed air creates a high speed flow inside the chamber which extracts the exhaust gases
- One model is suitable for cars, vans, motorcycles and trucks by using either of two diaphragms
- Completely mobile with hose support integrated in the trolley
- Rubber nozzle to protect the vehicle body
- Suitable for fitting CO₂ control probes
- Air consumption 330l/min. with 4 HP compressor
With well experienced teams of vehicle hoist technicians, Alemlube can provide you with all your vehicle hoist installation and service needs. We can assist with all brands of hoists here in Australia with access to spare parts and any technical requirement.

As the exclusive distributor in Australia of the Ravaglioli and Everlift range of hoists, Alemlube is one of the only companies to have support for its own product range with its own technicians. Other companies in this field are reliant on external contractors.

The Alemlube 25-point Hoist Inspection Certificate, as shown here, is provided for your records on the completion of each service (an OH&S requirement), and a sticker will be affixed to your hoist as a reminder of the next service due date.

Alemlube’s annual service shedule will record your servicing to ensure that all your hoist servicing requirements are met.

No hoist installation or servicing job is too large or too small, and with a comprehensive stock of spare parts you can be confident of expert backup to keep your hoists in peak operating condition.
Wash Bay Equipment

Water Saving & Recycling Technology

Alemlube can supply and install market leading wash bay equipment as used and recommended by Audi, BMW, Chrysler, Holden, Porsche and VW.

Achieving an 80% reduction in water usage is only one benefit for your bottom line and the environment.

Time is money and by installing Alemlube supplied wash bay equipment in your workshop you can significantly save both.

Additionally, Alemlube can supply and a 3-motor, 2-door car wash vacuum to assist in the complete vehicle cleaning service to enhance customer satisfaction.
Teseo Aluminium Pipework

**Fluid Power Distribution Systems**

The Teseo modular aluminium piping system is the modern and flexible approach for your compressed air system. The advantages and benefits of this patented pipework system are many and installation is more convenient than a traditional piping system, saving you money. The Teseo system does not leak air and experiences less pressure drop than conventional piping resulting in extra flow.

- High tech design
- Light weight
- Easy and fast to install
- Energy saving
- 100% recyclable aluminium
- Easy to modify and extend
- Complete accessory range
- Double O-ring seals

Industrial Compressed Air  **Compressors**

Alemlube can supply and fit all your compressed air needs as part of your workshop fitout design and installation project. The capacity to suit your layout and usage will be determined right from the start to ensure that we provide you with the best possible combination of performance, reliability, safety and value for money.
Alemlube   **Workshop Benches**

Alemlube can manufacture purpose built workshop benches to any specification, size, height and width. Special features and requirements to suit your own needs can be designed and included in the manufacturing and any corporate colour identity can be reproduced. Whether your benches are powder coated or manufactured in stainless steel, Alemlube will exceed your expectations.

Alemlube   **Oil Tanks**

Storage of grease, oil and waste oil is vital for clean, safe and smooth distribution in the workshop environment. Alemlube manufactures and installs storage tanks to any specification applicable to your situation and to be compliant with all OH&S regulations. The perfect system for contaminant free lubrication products.
Permex
Oil Monitoring System

The Permex Windows based system is designed to run on your current PC. The Oilwatch software can be ‘minimised’ so that you can utilise the PC to run other software, a second PC on your desk is not required. The system meets a wide range of customer needs, including Unique Job No. or Vehicle Registration No. and operator I.D. validations. Three further prompts are also available as standard. Oil grade, outlet no., quantity, date, Time and low level warning facilities are printed and faxed. Low level stock warnings can be sent if required. The system can operate up to 99 keypad entry devices, each running up to 6 outlets drawing product from up to 20 tanks. If required a large digital display can be connected to each keypad enabling the operator to see at a glance how much oil is being taken. It is possible to batch oil amounts by quantity. All keypads can operate simultaneously with the same oil grade and a hard copy of each transaction is obtained via a ticket printer connected to the interface box.

- Windows management operation
- Tank stock kept by volume used and delivered for greater accuracy
- Low stock warning both visual and printed
- Separate low stock shutdown to stop air entering oil lines
- Operator Pin No. validation

OCIO
Tank Level Indicator

OCIO is an innovative system for continuously monitoring the fluid level inside atmospheric tanks. The system detects the static pressure generated by the fluid height by means of a tube inserted in the tank and displays the fluid level or volume.

- Continuous metering
- Level indication in height, volume and filling percentage
- Maximum and minimum level alarms
- Highly accurate to ±1%
- Probe tube length of 10 meters (extendable up to 50 metres)
- Easy installation and PC link up option
Environmental Protection Products

A range of 100% recyclable polyethylene spill containment systems is available from Alemlube to maintain a safe, clean, environmentally friendly and OH&S compliant workplace.

The versatile range consists of modular workshop floors with slip resistant ramps, 2 & 4 drum spill containers, 2 & 4 drum racks in combination with spill containers, a mobile spill container drum trolley and the new “SpillShack”, a rigid, double walled, weather tight unit for ideal for drum dispensing and waste collection. “SpillShack” is available in 2 & 4 drum models.

All the spill containment units have excellent chemical resistance, cannot rust or corrode and are compatible with most forklifts and pallet trucks.

Easy to maintain and clean, the 2 & 4 drum spill containers have a non skid removable deck and the modular workfloor deck and ramp feature a slip resistant texture.

Safety comes first and all units comply with German DIBt Certifications.
RAV Tyre Changers

Tyre Changers

The RAV tyre changer range includes automatic lever-less tyre changers, racing tyre changers, automatic tyre changers, semi-automatic tyre changers and tyre changers for bikes and trucks.

With exclusive capabilities and specifications, the task of changing tyres undertaken by the professional workshop user is made more simple, trouble-free and seamless with RAV tyre changers, even for some of today’s most complex low profile tyres as well as run flat tyres.

Whether you own and operate a small workshop or manage a large tyre dealership, Alemlube has the right tyre changer to suit your business needs and offers free, no obligation advice to assist your decision making process, confident in the knowledge that the correct model has been chosen.

G7441IV.24 Automatic Tyre Changer
• Heavy duty structure guarantees proper working conditions at all times
• Rigid self-centering chuck manufactured from laser cut steel with two-way rotation, high torque, wide clamping range and high clamping force
• Bead breaker features a galvanised cylinder with simple operation
• The jointed and shaped bead breaker blade operates without damaging the rim or tyre
• The tubeless tyre inflation system is activated by a single pedal command with two positions

G870IES.26 Automatic Tyre Changer
• High rear frame gives extra stiffness and compactness to the vertical post, which can be easily tilted
• The extra height of the vertical post and tool shaft allow easy servicing to any type of tyre up to a maximum of 14” (355mm) wide
• Tool shaft has increased rigidity due to its tilted construction and allows for easier operation with extra large tyres

PLUS83AW Assist Arm
• Mount/demount device with rotating arm
RAV Wheel Balancers

Alemlube imports premium quality wheel balancers from RAV in Italy, one of the world’s highest ranked automotive equipment manufacturing companies. The range includes entry level models suitable for low volume users, electronic wheel balancers with large colour flat screen suitable for large tyre dealers and professional workshops, an electronic balancer with monochrome screen suitable for medium size workshops, and truck wheel balancers for use in the transport industry.

Additionally, Alemlube stocks accessories and spare parts for all models and employs trained technicians in every state and territory.

G3.124HD  **Electronic Wheel Balancer with Digital Display**
The G3.124HD is recommended for large volume workshops, dealerships and medium size tyre shops

- Delivers maximum precision in measurement of distance and diameter due to the automatic ALU S and PAX programs
- Automatically starts when the hood is lowered resulting in a quick balancing process
- Interactive software guides the operator during all phases of the balancing process
- Rim diameter: 10” - 26”
- Rim width: 1.5” - 22”
- Maximum wheel weight: 70 Kg
- Read out accuracy: 1g
- Cycle time: 6 seconds
- Rotatio speed: <100 rpm
- Power supply: 230V/50Hz

G4.140H  **Electronic Wheel Balancer**
- Professional machine, offering all the features required by the most demanding operations
- Delivers maximum precision in measurement of distance and diameter due to the automatic ALU S and PAX programs
- Quick balancing: automatic start when the cover is lowered and automatic stop in the external unbalanced position
- Interactive inputs guide the operator during the balancing process

GAR218  **Pneumatic Wheel Lift**
- Allows the operator to easily lift a heavy wheel onto the wheel balancer
Alemlube imports a comprehensive range of wheel aligners from RAV to suit all vehicle requirements and includes:

- 8CCD aligners, with Bluetooth communication and special spoiler programmes, designed for large workshops, dealerships and tyre dealers
- 6CCD aligners designed for medium size workshops
- 4CCD aligners for low volume users
- Laser aligners for confined space workshops
- Truck wheel aligners

Passenger vehicle wheel aligners are supplied with:
- Self-centering wheel clamps to save you time (Rav patented wheel clamps can be fitted in any position, regardless of rim design)
- One set mechanical turntables
- A brake pedal depressor and a steering wheel holder

RAV wheel aligners have a great range of accessories, including:
- Electronic turntables,
- Remote measuring systems (take measurements directly from the vehicle suspension)
- Special wheel clamps for BMW, Mercedes and Smart rims
- Clamps for Porsche rims
- And different styles of wheel clamps grippers

**RAVTD1780BTH-C  Total Drive Bluetooth Wheel Aligner**
- Top of the range model
- Data Bluetooth transmission allows maximum mobility between different working positions
- Can be used with electronic turn tables, requested by some car manufacturers for the automatic reading of maximum steering
- This model allows the operator to measure wheel run out by moving the vehicle equivalent to 180 wheel rotation without lifting the car
- A special Spoiler program is automatically activated, through a simplified practical procedure, to perform the measurements on sport and tuned car bodies
- Include a set of 4 quick clamps for a fast and accurate alignment

**RAVTD5060-C  Entry Level Wheel Aligner**
- Complete with 4 measuring heads equipped with 6 infra-red CCD sensors makes it possible to measure all steering angles.
- The wheeled control unit houses the data processing and management computer, TFT monitor, printer, keyboard and battery charger
- Data bank with more than 20,000 vehicle data sheets already entered and further blank sheets to be filled in as and when required
- Include a set of 4 quick clamps for a fast and accurate alignment
UNITE From China
The UNITE brand is manufactured by The Shanghai Balance Automotive Equipment Co., a specialist with more than 11 years experience in researching, developing, and manufacturing automotive service equipment, such as tyre changers and wheel balancers.

UNITE tyre changers and wheel balancers are innovative, easy to operate, superior quality and the result of extensive research and development.

Five tyre changers, some equipped with tubeless tyre inflation, and two wheel balancers, with extra steel supports, self calibration and diagnostics make up the range.

All the UNITE equipment is manufactured using precise jig assemblies and is subject to stringent quality control prior to packing and delivery.

Alemlube carries an ample range of spare parts and a great range of accessories for UNITE products.
Dealership Installation
Col Crawford Sydney
Dealership Installation
Dealership Installations