

Lubricant Dispensing Rooms and Container Modules

Portable, Relocatable, Plug & Play



isoPOD
Containerised Lubrication Dispensing Systems

Another world class,
Australian made
product from



Contamination free dispensing from isoPOD

isoPOD showcases the latest design in the new world of safety, efficiency, portability and compliance in clean machinery maintenance. It has been fabricated to service the mining, construction, defence and earth moving industries and developed for equipment longevity. isoPOD guarantees clean, compliant, safe and efficient storage and dispensing of oils and other lubricants and coolants in the maintenance of machinery.

isoPOD is built for high-levels of productivity; delivering improved machinery performance through optimising operating costs and protecting asset investment.

The state of the art design addresses inefficiencies in lubricant dispensing whilst achieving cleanliness levels of ISO 16/14/11 or better.

That is 4 x cleaner than recommended by Caterpillar®





Relocatable units are well suited for remote work sites.

Design innovation

The compact and intelligent design enables the isoPOD to be moved and erected on any site at any time. Fitted with both lifting and lashing points; as well as ISO container blocks on the bottom, makes relocation fast and simple.

Flexibility is a mandatory requirement of any large site, with machinery maintenance across all departments of the operations. isoPOD provides users the ability to lift, move and erect this self-sufficient maintenance system with limited preparation.

Relocatable

Safe and secure

Compliant to AS1940-2004 and EPA requirements

Remote site shut down and machinery system support

Fully relocatable

Manufactured for durability and a long operating life



e10 series pictured

Standard isoPOD features

Certified lifting lugs for portability

Certified lashing points for securing

Heavy duty 2-pak polyurethane paint system

Fully bunded according to AS1940-2004 requirements for storing combustible liquids

All equipment mounted safely and securely – with ease of access for maintenance

Heavy duty components

Fully protected from external weather damage

Ventilation incorporated according to AS1940-2004 requirements for storing combustible liquids

All air flowing into the storage and dispensing unit is rated to G2 as per AS1324.1

Built-in filtration system for incoming air supply

Heavy duty bi-fold doors which fold back 270 degrees for safe and easy access by forklifts

ISO locking system



Heavy duty accurate
Flexbimec dispensing
pumps, guns & meters





Durability

A system manufactured to last

The isoPOD lubrication dispensing systems have been fabricated and assembled to withstand the harshest environments, including certification for wind regions C & D (cyclone areas). Ideal for remote and arid areas, to withstand the harshest temperatures. The isoPOD system has been designed and manufactured to perform day-in day-out.

Built from the strongest materials and mechanisms the isoPOD will withstand the most demanding schedules providing outstanding performance.

Fabricated by certified welders and finished with highly durable paint and heavy duty components the isoPOD delivers on every level. With features such as a cambered roof, bolt down feet, and lashing points these units can never be compromised, from torrential rain to cyclonic weather conditions.

Security and Portability





Safety

Ventilation has been designed in accordance to AS1940-2004 standards for storage of dangerous goods and bunding.

Minimises forklift traffic

No risk of equipment blowouts with the inclusion of pressure relief systems

Delivers storage facilities that contain and segregates combustible liquids, reducing fire risk and other hazards

Installed with FRP non-slip flooring

Signage supplied in accordance to AS1940-2004

Safe operation

Access passage way allows for ease of maintenance to replace filters and connect tanks.

Power supply

The air supply inlet is located beside the handpiece access module, centralised for easy access.

Power is optional. All electrical components are fitted to the highest safety standards and compliant for oil storage.

Compare for yourself



Advantages

Purpose built from all new prime Australian steel



Fully compliant with relevant Australian standards (As 1940-2004)



Designed to improve your product access and handling efficiency - all purpose individually accessible from outside the store



Not classified as a human occupied room - OH&S friendly design



State of the art, long term protective 2 pack coating system for harsh outdoors environment



Excellent resale value when required



Brilliant efficiency in use of available space and storage capacity

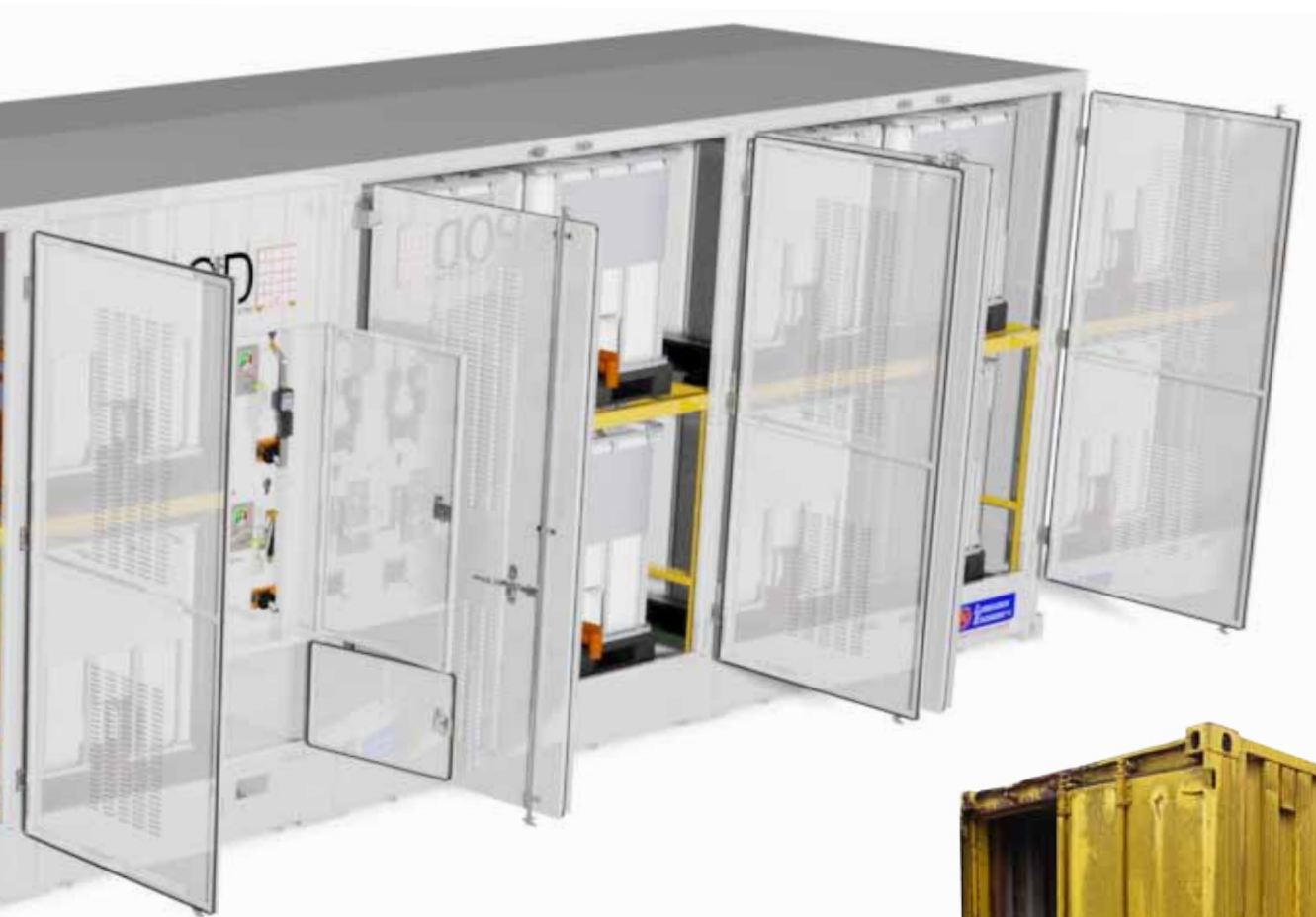


Engineer certified designs, suitable for cyclone areas



Proven long term performance in many applications - many examples still fully functional after >10 years, virtually maintenance free.





Disadvantages

Often second hand modified from original use, Often sourced overseas



Non compliance wooden floors (combustible material) often retained under sump



Woeful lack of efficient stock control - products on floor, - difficult to keep track of items, have to move other stock to retrieve what you need



'Walk in' style access requires mechanical ventilation, panic locks, minimum lighting, class 1 zone 1 electrical fittings to comply - all never normally included. Added cost



Standard 'industrial enamel' as a re-coat over standard steel previously repeatedly exposed to corrosive marine environments



Poor resale demand due to

often badly deteriorated state



Very poor use of space - rated storage capacities usually half of equivalent sized storemasta relocatable



No footings options available - high risk to people and property in storms



Poor investment - often require major maintenance after comparatively short time





A considered approach

Each isoPOD unit has been designed to reduce:

Time & Cost

Contamination risks

Spillage that may have an environmental impact

Fire hazards surrounding chemicals and combustible liquids

Downtime or interruption

Each isoPOD unit has been engineered to increase:

Efficiencies in dispensing

Machinery life cycle through the ideal storage of quality lubricants

Site safety

Flexibility



Serviceability

The equipment used in the isoPOD dispensing stations is heavy duty equipment, easily accessible with operating longevity in mind.

The pumps are mounted in the walkthrough area, to enable fast resolution of any mechanical issues. Hose reels are easily serviced, and can be dismounted from the dispensing module.

All filters, inline and ventilation, can be easily replaced as they have been installed with quick release fittings.

Designed for safety and convenience with swing-out doors and non-slip flooring.

Installed with ecosystem bund drains for drainage and to prevent environmental impact.

Site Preparation

Engineered as a fully portable servicing station. isoPOD systems require minimal site preparation. The units can be stored on hard and level surfaces. Concrete footings are recommended in cyclone prone regions.

id10

10' isoPOD Dispensing Room

SELF-CONTAINED LUBRICANT STORAGE & DISPENSING ROOM

Description

The dispensing of lubricants in a clean and efficient manner is a crucial part of any effective lubrication program. The isoPOD™ id10 Series is a purpose built, portable, plug-&-play lubrication storage and dispensing system designed specifically for dispensing lubricants from drums into small portable containers typically used in the maintenance or top-up of machines. The id10 Series is highly suited to operations seeking a fast, flexible and cost effective lubrication storage and dispensing solution without the need to design and build costly permanent structures.

Standard Features:

- Built to AS1940-2044 Standards
- Dispensing capacity for 4 x 55 gallon drums
- Storage capacity for an additional 4 x 55 gallon drums
- Rear passage with dual doors for direct access to pumps, filters and fluid connections
- External storage locker for equipment and lube oil containers
- ISO shipping container lockdown points
- Crane lifting lugs and forklift channels
- Finished in 2-Pak Polyurethane paint - White
- Heavy duty lockable bi-fold doors
- Premium filtration rated to $\beta \geq 1000$
- Heavy Duty Flexbimec® Pumps
- Filtered ventilation

Advantages:

- Plug-&-Play solution ready for use.
Simply attach your own air supply and install your IBC containers
- Secure and controllable access to valuable lubricants
- Clean & dry storage and dispensing of lubricants
- Versatility in design with many options available to suit your exact requirements
- Speed of implementation with minimal site preparation
- Portability. Moves when you need to move or expand your operation

Optional Features:

- Dispensing bay orientation
- Paint finish colours
- Internal & external lighting
- Fitted steel liquid tanks
- Waste oil evacuation system
- Kaeser® Air Compressor
- External power connectivity
- Internal power points
- Solar power
- Drum dispensing
- OilSafe® Lube oil containers

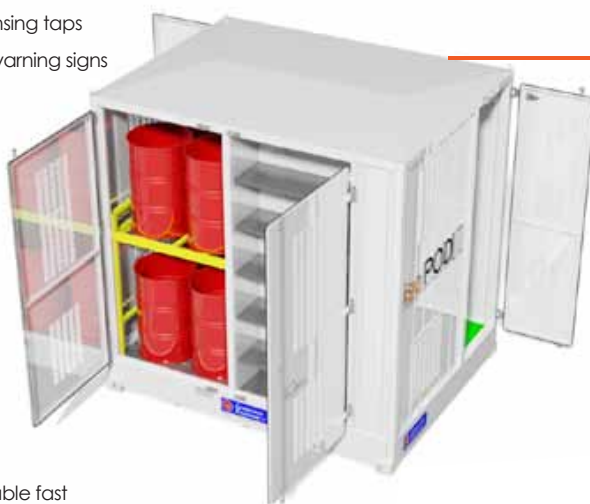




- Integrated Spill Containment Bund to AS1940-2004 requirements including lockable drain valve for safe disposal of spills
- 4 integrated dispensing taps
- Integrated safety warning signs



- Access Door with 270° fold back for ease of access and loading of IBC containers
- Rugged 2-Pak Polyurethane primer and high gloss topcoat to 120 microns thickness



- Premium filtration rated to $\beta \geq 1000$
- Flexbimec® Pneumatic 5:1 pumps
- Double point lockable doors
- Free flow louver ventilation to suit AS1940-2004 specifications and minimise airborne contaminants
- Crane lifting lugs
- Quick connect fluid couplings to enable fast and efficient changing of lube containers

- Engineered and certified for cyclone regions
- Cambered roof for water run-off
- External lockable storage cabinet
- Forklift channels and heavy duty anchoring points
- Earth bonding base plates and earth stake and mounting points
- Dual access doorways



Dimensions (mm)

HEIGHT	WIDTH	DEPTH
2896	3048	2438

DISPENSING CAPACITY

832 L = 4 x 208 L drums

Up to 4 x dispensing points

i20

20' isoPOD Dispensing Room

SELF-CONTAINED LUBRICANT STORAGE & DISPENSING ROOM

Description

The dispensing of lubricants in a clean and efficient manner is a crucial part of any effective lubrication program. The isoPOD™ i20 Series is a purpose built, portable, plug-&-play lubrication storage and dispensing system designed specifically for dispensing lubricants from IBC containers into small portable containers typically used in the maintenance or top-up of machines. The i20 Series is highly suited to operations seeking a fast, flexible and cost effective lubrication storage and dispensing solution without the need to design and build costly permanent structures.

Standard Features:

- Built to AS1940-2044 Standards
- Dispensing capacity for 6 x standard IBC containers
- Rear passage with dual doors for direct access to pumps, filters and fluid connections
- External storage locker for equipment and lube oil containers
- ISO shipping container lockdown points
- Crane lifting lugs and forklift channels
- Finished in 2-Pak Polyurethane paint - White
- Heavy duty bi-fold doors
- Premium filtration rated to $\beta \geq 1000$
- Heavy Duty Flexbimec® Pumps
- Filtered ventilation

Advantages:

- Plug-&-Play solution ready for use.
Simply attach your own air supply and install your IBC containers
- Secure and controllable access to valuable lubricants
- Clean & dry storage and dispensing of lubricants
- 6000 litre lubricant storage and dispensing capacity
- Versatility in design with many options available to suit your exact requirements
- Speed of implementation with minimal site preparation
- Portability. Moves when you need to move or expand your operation

Optional Features:

- Dispensing bay orientation
- Paint finish colours
- Internal & external lighting
- Fitted steel liquid tanks
- Waste oil evacuation system
- Kaeser® Air Compressor
- External power connectivity
- Internal power points
- Solar power
- Drum dispensing





- Integrated Spill Containment Bund to AS1940-2004 requirements including lockable drain valve for safe disposal of spills

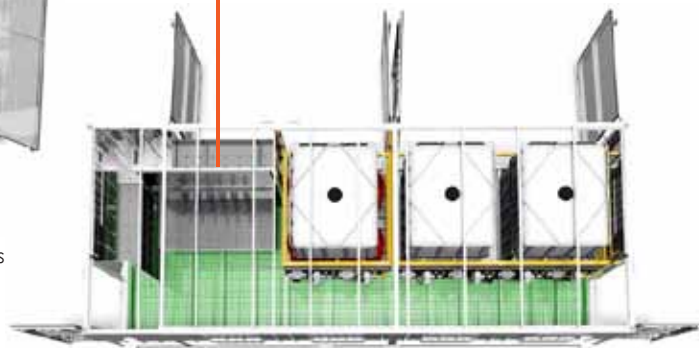
- Premium filtration rated to $\beta \geq 1000$
- Flexbimec® Pneumatic 5:1 pumps
- Double point lockable doors
- Free flow louver ventilation to suit AS1940-2004 specifications and minimise airborne contaminants
- Quick connect fluid couplings to enable fast and efficient changing of lube containers



- Engineered and certified for cyclone regions
- Cambered roof for water run-off
- Forklift channels and heavy duty anchoring points
- Earth bonding base plates and earth stake and mounting points
- Dual access doorways
- Large external lockable cabinet
- Crane lifting lugs



- 6 integrated dispensing taps
- Integrated safety warning signs
- Access Door with 270° fold back for ease of access and loading of IBC containers
- Rugged 2-Pak Polyurethane primer and high gloss topcoat to 120 microns thickness



Dimensions (mm)

HEIGHT	WIDTH	DEPTH
2896	6058	2438

DISPENSING CAPACITY

6000 = 6 x 1000 L IBC

Up to 6 x dispensing points

i40

40' isoPOD Dispensing Room

SELF-CONTAINED LUBRICANT STORAGE & DISPENSING ROOM

Description

The dispensing of lubricants in a clean and efficient manner is a crucial part of any effective lubrication program. The isoPOD™ i40 Series is a purpose built, portable, plug-&-play lubrication storage and dispensing system complete with workshop facility, designed specifically for dispensing lubricants from IBC containers into small portable containers typically used in the maintenance or top-up of machines. The i40 Series is specifically designed for those seeking a fast and cost effective lubrication storage and dispensing solution without the need to design and build costly permanent structures.

Standard Features:

- Built to AS1940-2044 Standards
- Dispensing capacity for 8 x standard IBC containers
- Rear passage with dual doors for direct access to pumps, filters and fluid connections
- Internal workshop facility or storage area
- ISO shipping container lockdown points
- Crane lifting lugs and forklift channels
- Finished in 2-Pak Polyurethane paint - White
- Heavy duty lockable bi-fold doors
- Premium filtration rated to $\beta \geq 1000$
- Heavy Duty Flexbimec® Pumps
- Filtered ventilation

Advantages:

- Plug-&-Play solution ready for use.
Simply attach your own air supply and install your IBC containers
- Secure and controllable access to valuable lubricants
- Clean & dry storage and dispensing reducing contamination ingress
- Versatility in design with many options available to suit your exact requirements
- Speed of implementation with minimal site preparation
- Portability. Moves when you need to move or expand your operation



Optional Features:

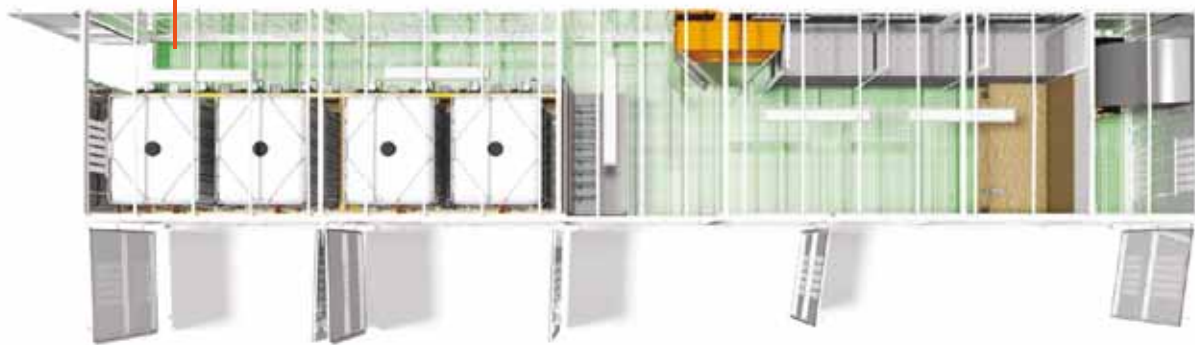
- Dispensing bay orientation
- Paint finish colours
- Internal & external lighting
- Fitted steel liquid tanks
- Waste oil evacuation system
- Kaeser® Air Compressor
- External power connectivity
- Internal power points
- Solar power
- Drum dispensing
- OilSafe® Lube oil containers



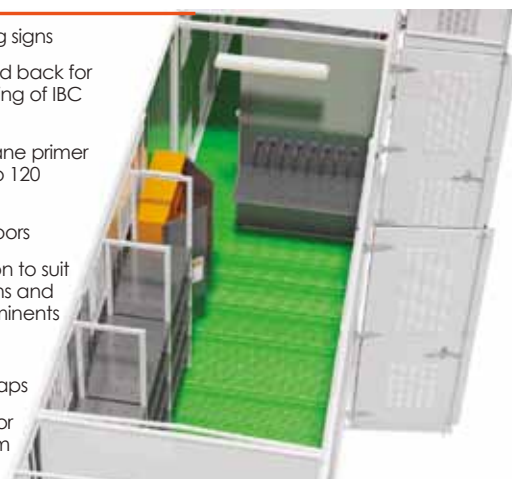
- Dual access doorways
- Crane lifting lugs
- External lockable storage cabinet

- Premium filtration rated to $\beta \geq 1000$
- Flexbimec® Pneumatic 5:1 pumps
- Quick connect fluid couplings to enable fast and efficient changing of lube containers
- Integrated Spill Containment Bund to AS1940-2004 requirements including lockable drain valve for safe disposal of spills

- Engineered and certified for cyclone regions
- Cambered roof for water run-off
- Forklift channels and heavy duty anchoring points
- Earth bonding base plates and earth stake and mounting points
- Rugged 2-Pak Polyurethane primer and high-gloss topcoat to 120 microns thickness



- Integrated safety warning signs
- Access Door with 270° fold back for ease of access and loading of IBC containers
- Rugged 2-Pak Polyurethane primer and high gloss topcoat to 120 microns thickness
- Double point lockable doors
- Free flow louver ventilation to suit AS1940-2004 specifications and minimise airborne contaminants
- Workshop or Storeroom
- 8 integrated dispensing taps
- Optional Air compressor or use as extra storage room



Dimensions (mm)

HEIGHT	WIDTH	DEPTH
2896	12192	2438

DISPENSING CAPACITY

8000 = 8 x 1000 L IBC

Up to 8 x dispensing points

e20

20' isoPOD Dispensing Station

SELF-CONTAINED LUBRICANT STORAGE & DISPENSING STATION

Description

The dispensing of lubricants in a clean and efficient manner is a crucial part of any effective lubrication program. The isoPOD™ e20 Series is a purpose built, portable, plug-&-play lubrication storage and dispensing system designed specifically for dispensing lubricants from IBC containers in high volumes via hose reels and hand nozzles. The e20 Series is highly suited to operations seeking a fast, flexible and cost effective lubrication storage and dispensing solution without the need to design and build costly permanent structures.

Standard Features:

- Built to AS1940-2044 Standards
- Dispensing capacity for 8 x standard IBC containers
- Rear passage with dual doors for direct access to pumps, filters and fluid connections
- ISO shipping container lockdown points
- Crane lifting lugs and forklift channels
- Finished in 2-Pak Polyurethane paint - White
- Heavy duty bi-fold lockable doors
- Premium filtration rated to $\beta \geq 1000$
- Heavy Duty Flexbimec® Pumps and Hose Reels and digital metered dispensing nozzles
- Filtered ventilation

Advantages:

- Plug-&-Play solution ready for use. Simply attached your own air supply and install your IBC containers and start
- Secure and controllable access to valuable lubricants
- Clean & dry storage and dispensing of lubricants
- Versatility in design with many options available to suit your exact requirements
- Speed of implementation with minimal site preparation
- Portability. Moves when you need to more or expand



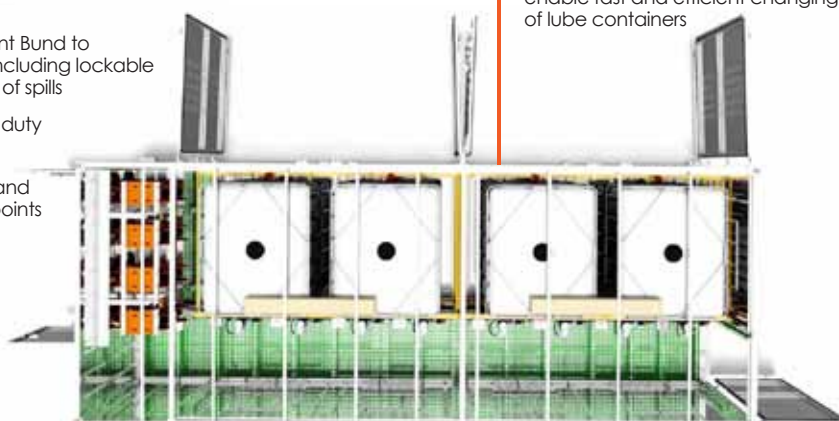
Optional Features:

- Dispensing bay orientation
- Paint finish colours
- Internal & external lighting
- Fitted steel liquid tanks
- Waste oil evacuation system
- Kaeser® Air Compressor
- External power connectivity
- Internal power points
- Solar power
- Drum dispensing
- OilSafe® Lube oil containers



- Free flow louver ventilation to suit AS1940-2004 specifications and to minimise airborne contaminants
- Access Door with 270° fold back for ease of access and loading of IBC containers
- Integrated safety warning signs
- Double point lockable doors
- Dual access doorways

- Integrated Spill Containment Bund to AS1940-2004 requirements including lockable drain valve for safe disposal of spills
- Forklift channels and heavy duty anchoring points
- Earth bonding base plates and earth stake and mounting points



- Premium filtration rated to $\beta \geq 1000$
- Flexbimec® Pneumatic 5:1 pumps hose reels and digital hand nozzles
- Quick connect fluid couplings to enable fast and efficient changing of lube containers

- Engineered and certified for cyclone regions
- Crane lifting lugs
- Rugged 2-Pak Polyurethane primer and high gloss topcoat to 120 microns thickness
- Cambered roof for water run-off



Dimensions (mm)

HEIGHT	WIDTH	DEPTH
2896	6058	2438

DISPENSING CAPACITY

8000 = 8 x 1000 L IBC

Up to 8 x dispensing points

e40

40' isoPOD Dispensing Station

SELF-CONTAINED LUBRICANT DISPENSING STATION

For the storage of oils and lubricant in 1000 Litre IBC's or 205 litre drums

Standard Features:

- Built to AS1940-2044 Standards
- Loading of IBC's from front of store
- Equipment access passage at rear
- Right end dispensing bay with equipment locker below for storage of equipment
- ISO container lockdown points on the base and crane lifting lugs on top
- Finished in 2 pak polyurethane paint system - White
- Heavy duty bi-fold doors that can be folded right back against store to allow easy access for unloading and loading of contents
- Hydac® Filtration
- Heavy Duty Flexbimec® Pumps and Hose Reels

Optional Features:

- Dispensing orientation
- Paint colours
- Internal & External lighting
- Steel liquid tanks
- Waste oil evacuation system
- Kaeser® Air Compressor
- External power connectivity
- Internal power points
- Solar power

Advantages:

- Cost significantly lower than permanently fixed facilities
- Accurate metered lubricant dispensing with electronic dispensing nozzels
- Minimal on site preparation required
- High grade flexible hose plumbed between reels and pumps and pumps and supply system item, with quick release fittings to bottom draw IBC connection. Quick release camlock fittings on all regularly used fittings
- Latchable access hatches for access to and storage of the delivery hand pieces, in a small internal enclosure, keeping airborne dust and other contaminants ingress to interior of the store to a minimum
- When decanting simply open the hatch and pull out the hand piece and retracting hose. Main door is only required to be opened when maintenance of equipment is required
- Delivery lines from supply item to pump are semi suspended from roof and floor of store to avoid fouling hoses during loading and unloading and shutting the doors. Incorporates enough free length and movement to install pickup lines to drums easily
- Store completely fitted ready to use, simply load and connect supply items and connect compressed air





- Integrated Spill Containment Bund to requirements of AS1940-2004, including lockable slow release drain cock for safe disposal of spills.

- Free flow Louver ventilation to suit ventilation requirements of AS1940-2004 incorporating filtration to minimize ingress of airborne contaminants.
- Includes relevant warning and safety signage.



- High Security Internal double point, padlockable rod system to maintain security.
- Cambered roof for maximum rain & sea water run-off.

- Finished in 2-Pak Polyurethane primer and high gloss topcoat, total build thickness minimum of 120 microns.

- Full side Access Door that folds back 270° for ease of access and forklift loading and unloading of pallets.



- Forklift channels and heavy duty anchoring and earth bonding base plates.
- Earth stake and mounting points.

Dimensions (mm)

HEIGHT	WIDTH	DEPTH
2896	12192	2438

STORAGE & DISPENSING CAPACITY (LITRES)

16000 = 16 x 1000L IBC's (double stacked)
8 x dispensing points
dispensing by - hose reel & gun

mt series

mt 10, mt20, mt40 isoPOD

FULLY BUNDED LUBRICANT STORAGE & DISPENSING ROOMS

The isoPOD™ mt Series is the perfect solution for creating your own containerised lubrication storage and dispensing room. Unlike many other solutions available today, isoPOD™ products are not modified shipping containers; they are purpose built and fabricated from new materials to AS1940-2004 standards and come complete fully bundled and with heavy duty grated FRP flooring. Install your existing dispensing equipment or shelving or specify exactly what you need and leave the rest to us. These versatile rooms can be configured to almost any requirement.

Standard Features:

- Built to AS1940-2004 Standards
- Heavy duty bi-fold lockable doors
- Multiple access options for versatility (all door options shown)
- ISO shipping container lockdown points
- Crane lifting lugs and forklift channels
- Finished in 2-Pak Polyurethane paint – White
- Filtered ventilation



mt10

Dimensions (mm)

HEIGHT	WIDTH	DEPTH
2896	3048	2438

Advantages:

- Secure and controllable access to valuable lubricants
- Clean & dry storage & dispensing of lubricants
- Versatility in design with many options available to suit your exact requirements
- Speed of implementation with minimal site preparation
- Portability. Moves when you need to move or expand your operation



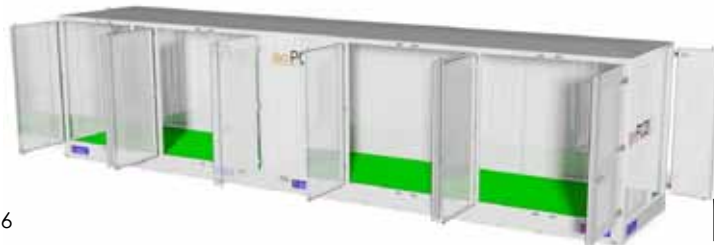
mt20

Dimensions (mm)

HEIGHT	WIDTH	DEPTH
2896	6058	2438

Optional Features:

- Purchase as is or specify your exact fit out requirements
- Paint finish colours
- Internal & external lighting
- Fitted steel liquid tanks to AS1692-2006
- Kaeser® Air Compressor
- External power connectivity
- Internal power points
- Solar power
- Drum or IBC dispensing systems
- Storage shelves and lockers
- OilSafe® Lube oil containers



mt40

Dimensions (mm)

HEIGHT	WIDTH	DEPTH
2896	12192	2438

STANDARD EQUIPMENT DETAILS



Flexbimec adjustable
arm hose reel



Flexbimec
pneumatic pump



Xclude Desiccant
Breather



PALL
UR310 Series
filter housing



Optional Accessories available



Lighting

Mine spec as required



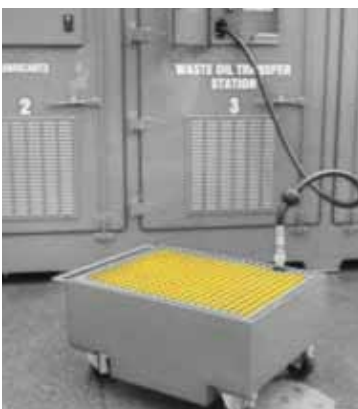
Steel Liquid Tanks

- Waste oil or new oil
- Coolant



Kaiser Compressor

Screw compressor with
service contract



Waste Oil Evacuation System

- Evacuation Trolley
- 4 way evacuation valve for
pumping both ways



Walk-in Decanting System

Excellent option for small
quantities



Internal shelving fit-outs

Suitable for smaller
containers/drums

After Sales Support:

Lubrication Engineers PTY LTD have dedicated trained lubricant specialists who are available to assist our customers anytime at any location.

Lubrication Engineers PTY LTD commitment is to deliver maintenance solutions and operational efficiencies. Specialists in equipment maintenance, operational and technical support. We guaranteed replacement parts availability and delivery to site.

A valued partner, **Lubrication Engineers PTY LTD** is available whenever you need them.

- Preventative maintenance programs
- Authentic parts readily available
- Improve your efficiency with operator training



1800 676 699
www.lubeng.com.au

