

USER MANUAL – 23.041



Alura 40 ft. Container Service Unit

Model No: 23.041

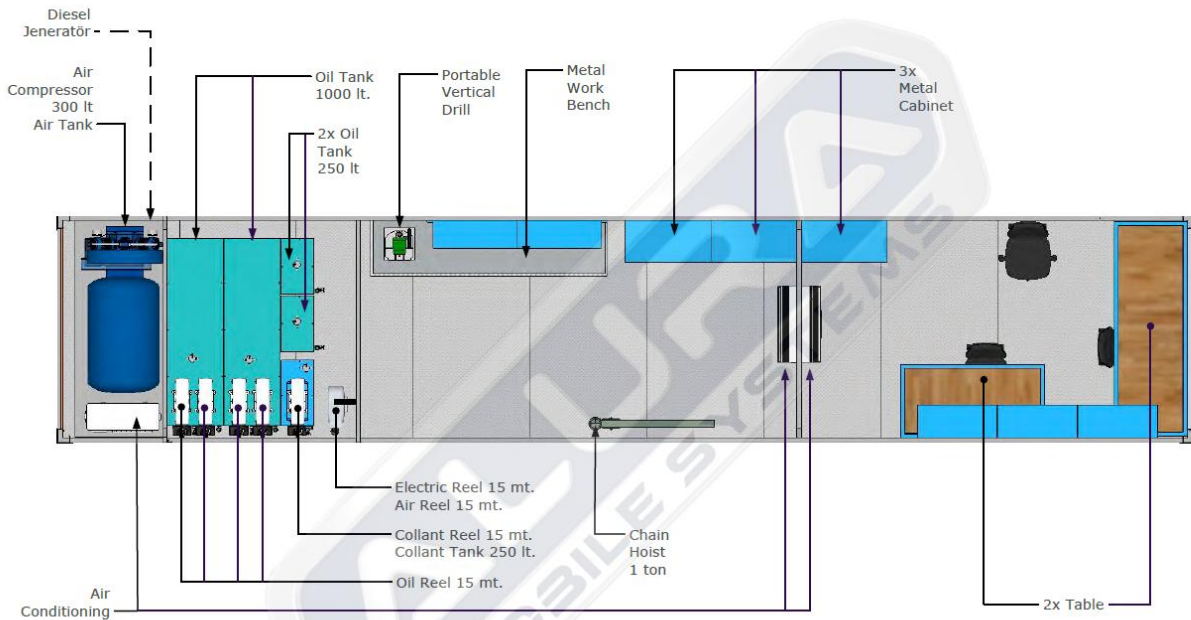
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Project / Model

23.041

40 ft. Container Service

Info

40 ft Hig Cube Iso Container

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1. PRODUCT DESCRIPTION

The Alura 40 ft. Container Service Unit is a mobile service workshop installed in a high cube ISO container. It is designed for on-site maintenance, repair, and fluid service operations in industrial, mining, and construction environments. The container is equipped with air, power, and fluid management systems and an array of industrial-grade tools and storage.

2. GENERAL SAFETY INSTRUCTIONS

- Always wear appropriate personal protective equipment (PPE).
- Disconnect all power sources before servicing any equipment.
- Operate only in well-ventilated areas, especially when using diesel-powered or pneumatic tools.
- Use correct lifting methods and proper handling equipment for heavy loads.

3. EQUIPMENT USAGE GUIDELINES

Equipment	Usage Instructions
Diesel Generator	Check fuel and oil levels. Start from control panel. Let it run 3–5 minutes on idle before shutdown.
Air Compressor	Check oil level. Start from switch. Monitor pressure (max 12 bar). Drain daily.
Air Tank	Ensure pressure \leq 15 bar. Check for leaks monthly.
Oil & Antifreeze Pumps	Supply 6–8 bar air. Ensure correct fluid connection. Avoid dry run.
Hose Reels	Pull to required length. Connect nozzle. Retract slowly after use.
Fluid Tanks (Oil, Antifreeze)	Fill via top. Monitor level. Discharge through bottom valve.
Workbenches & Tables	Do not overload drawers (max 60 kg). Lock drawers during transport.
Metal Cabinets	Store tools evenly. Max shelf load: 80 kg. Lock doors when in motion.
Chain Hoist (1T)	Inspect before use. Never exceed load capacity. Only trained users allowed.
Vertical Drills	Secure workpiece. Use goggles. Do not exceed bit diameter limits.
Air Conditioner	Operate with remote. Clean filter monthly. Do not block vents.
Lighting (Indoor/Outdoor)	Ensure 220–240V power. Turn off before replacing units. Keep lenses clean.
Cable & Air Reels	Pull out smoothly. Avoid snapping. Store rewound and dry.
Hand Tools	Use as intended. Check for damage. Keep clean and dry.
Ladder	Place on flat ground. Engage locks. Max load: 150 kg.
Fire Extinguishers	Know locations. Check pressure monthly. Replace if used or expired.
Control Panel	Keep main switch off during maintenance. Log each use. Check voltage stability.

4. MAINTENANCE SCHEDULE

Task	Frequency
Check oil, fuel, and air levels	Daily
Drain air tanks	Daily
Clean AC and compressor filters	Weekly
Inspect hoses, wiring, and fittings	Weekly
Service generator and compressor	Monthly
Lubricate hinges, doors, and hoist	Monthly

Please follow this link for the detailed user's manual for Genset – Air Compressor and Pumps from their own manufacturers.

<https://tinyurl.com/285w4m33>

5. WARRANTY

Alura Trailer warrants that the 40 ft. Container Service Unit and its integrated equipment are free from defects in materials and workmanship under normal use and service for a period of **12 months from the date of delivery**. The warranty covers the repair or replacement of defective parts, excluding items subject to wear and tear such as filters, hoses, belts, and consumables. This warranty is void if the product is modified, misused, improperly maintained, or serviced by unauthorized personnel. Alura Trailer shall not be liable for any indirect, incidental, or consequential damages. Warranty claims must be submitted in writing with proof of purchase and clear evidence of the fault.