

FOSEN TOOLS

Aircraft Mobile Maintenance Workstation

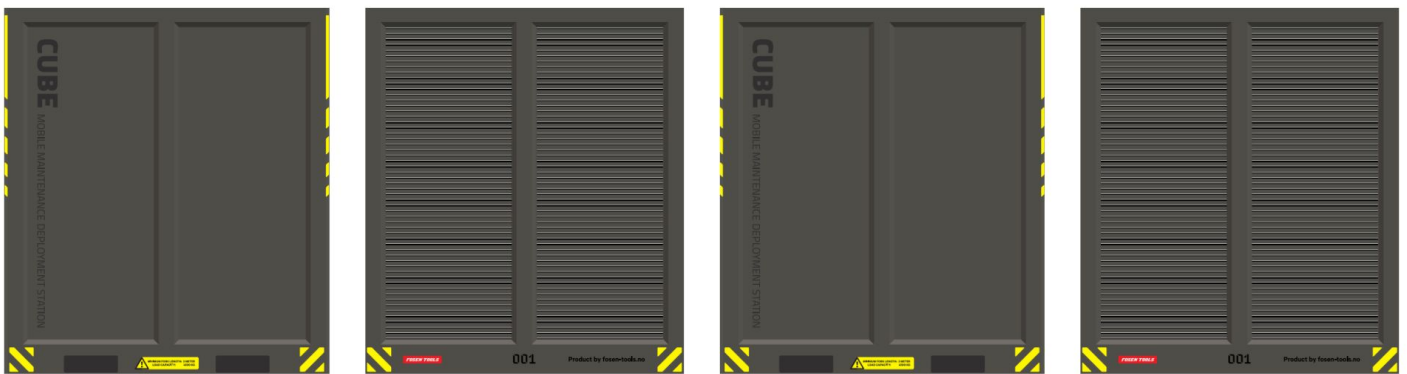
The CUBE



Turnkey solution for daily operation and deployment use - Always primed for Action

"The Cube" offers a versatile solution tailored to meet the needs for various types of aircrafts. Whether you require a mobile tool and supply hub or a fully equipped mobile support section, The Cube has you covered.

With features like forklift pockets, crane hoist points, and attachable wheels, this mobile unit can be deployed and transported effortlessly by land, air, or sea. Its dimensions are designed to secure it to a flight pallet and fit C-130 Hercules loading for forward deployment.



Internal Features



The Cube's interior is thoughtfully designed with four compartments, each fully customizable to suit your exact needs. Whether you prefer open storage lockers, a mirrored open locker design for a walk-through hallway style compartment, or drawers and shelving, The Cube has you covered. It includes an integrated heater, interior slotted LED light strips.

The shelving compartment can be configured with locking sliding drawers with a 200kg capacity in desirable heights and shelving with fold-down faceplates. These drawers and shelves feature a full extension design, allowing 100% drawer access with a depth of 600mm and 900mm width. You can further personalize them with removable face labels and engravable plates, accommodating various languages, symbols, and designs.

Tool outfitting is entirely customizable to your specifications and features the proprietary High-Density Foam Insert (HDFI) by Fosen Tools, with tool-specific cutouts and laser etching for labels or designs.



Operational Capability

The Cube simplifies maintenance logistics by consolidating tools, consumables, non-powered GSE, and maintenance control into one portable unit. It serves as a central maintenance hub for multiple crews and flightline expeditions, significantly reducing the time and effort required for deployment, setup, and operation.



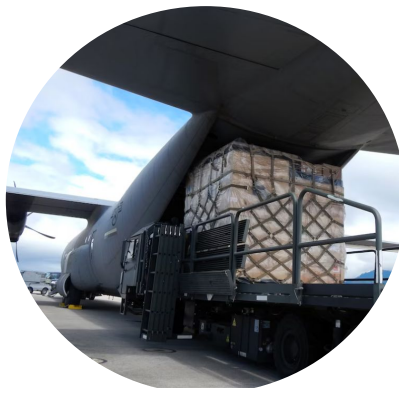
Whether you need to support launch and recovery or address major unscheduled maintenance tasks like engine or landing gear removal and ABDR (Aircraft Battle Damage Repair), The Cube is up to the task.



Operational Capability

Unloading and setting it up takes only minutes, and it can operate autonomously without permanent infrastructure, making it ideal for remote locations. The Cube can be customized to support several aircrafts and its aluminum construction significantly reduces weight and transport costs.

It's compatible with air, sea, or truck transport, and its modular design allows for quick and easy field repairs, minimizing downtime.

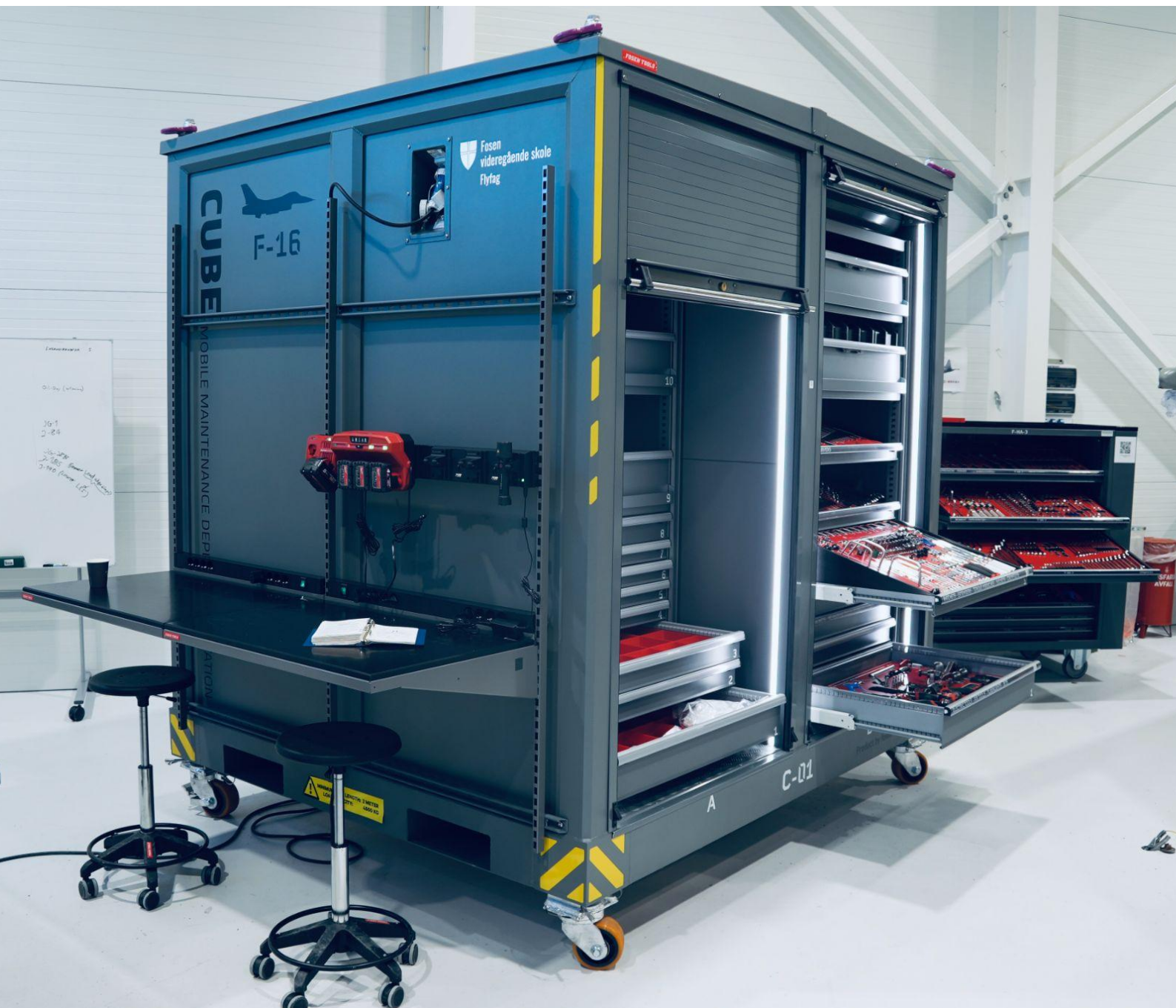


The Cube provides immediate access to adjustable workstations on its exterior, equipped with power outlets and angled shelves for organized, easy-to-reach tools. This design ensures efficient workflow and clear visual control during operations.



Construction Info

- Construction Material: Aluminum
- Powder Coated aluminum
- Exterior Dimensions: W2430 x D2100 x H2438mm
- 4 ea. roller curtains - lockable
- Tare Weight: 800 kg
- Max Gross Weight: 4500kg
- D-Hook Hoist Points (verify load capacity)
- Size Compatible with C-130 Hercules transport aircraft
- Standard Color: Grey RAL 7012 (Other colors available upon request)



Construction Info

Crafted from lightweight and corrosion-resistant powder-coated aluminum, The Cube is a durable choice. Its user-friendly design allows access from both the front and back. The Cube also features a single side forklift pocket, preventing unintended damage during forklifting. Its modular construction allows for easy replacement of side panels in case of damage, thanks to a bolt-on system.

The Cube comes with an integrated power hook-up box for effortless removal and installation. Its angled roof design facilitates rain drainage, while integrated D-Hook hoist points offer additional versatility. Rubber weather stripping ensures a watertight seal when the doors are closed, and removable "twist lock" caster wheels with polyurethane tread make transport a breeze.

Custom production

Fosen Tools take pride in producing and offering tailored solutions that are designed to meet your specific needs. We offer complete turnkey solutions.

Our solution is a time-efficient and cost-effective choice. It simplifies your project and work task, eliminates the hassle of dealing with multiple suppliers, and ensures long-term cost savings by providing a reliable and well-maintained system.

It not only saves you valuable time but also reduces significantly your long-term maintenance costs.

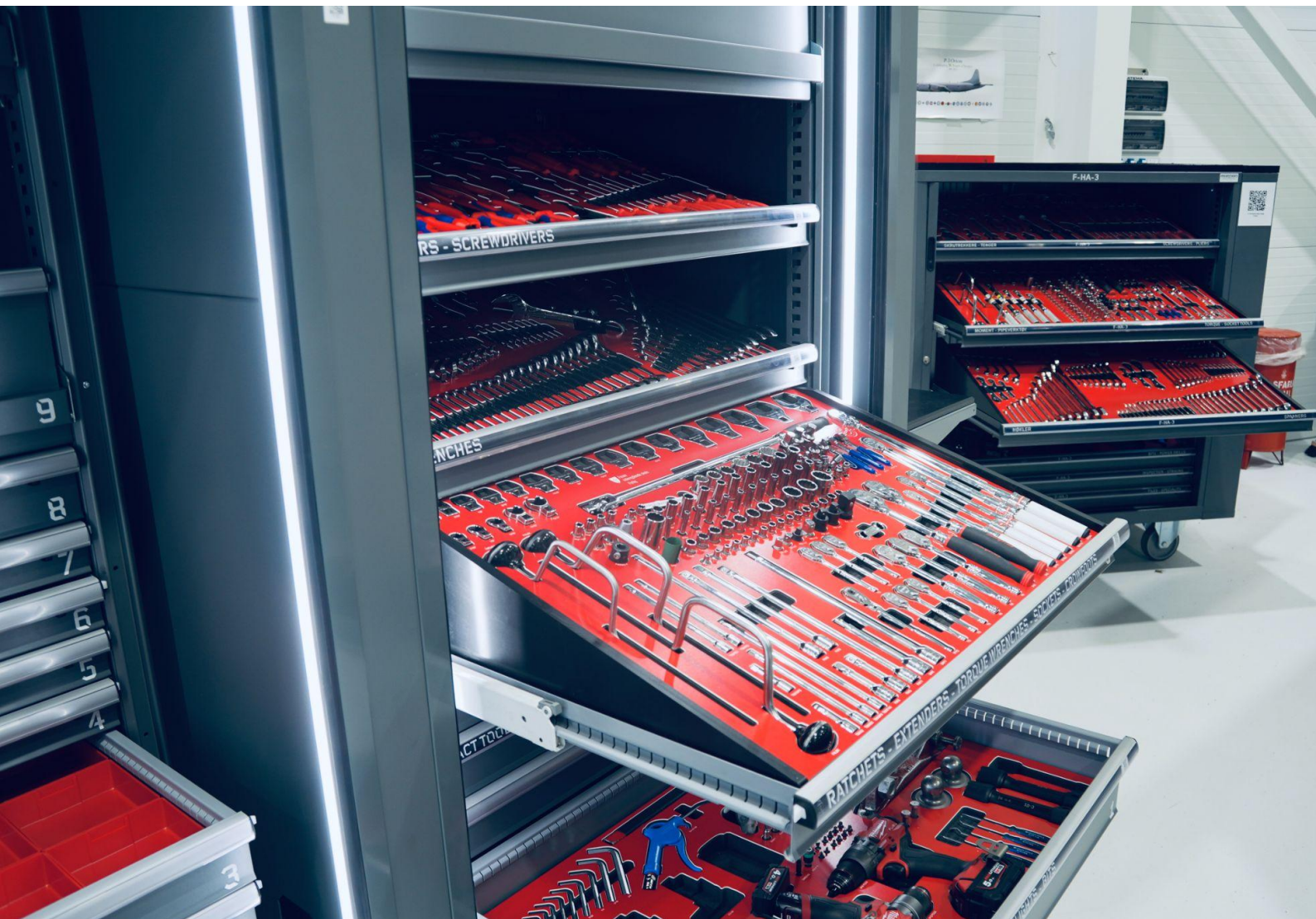
Door Solutions

Accessible from either front or back the cube offers full length doors, dual half doors, or roller curtain. Half door option offers a 1040mm awning, providing shelter from elements. Flexible rubber door latches for securement of full length or bottom half doors in open position.



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