

A full-service bank branch in an expanding semi-trailer, bringing modern banking to rural communities and small towns. In transport it behaves as a standard two-axle trailer with 42.5 m² inside; deployed, the robust Edge Shape construction expands the interior to 60 m², with a rooftop terrace of roughly 30 m² above.

Layout

The unit is compartmented like a working branch: advisory offices with client seating and a partner corner; an ATM zone with the machine built into the cabinetry; an advertising zone with illuminated panels and screens; a technical room housing the IT equipment, three UPS units, the main electrical panel and the wireless network; a kitchenette; and a sanitary group with toilet, electric boiler and consumables storage — everything staff need to run a full working day on board.

Systems

Dual 12.5 kW air conditioning (Daikin) and full LED lighting maintain the working climate. An external connection panel takes 230 V and 380 V power; water runs from a 70-litre fresh tank and a 120-litre waste tank, with hookup to external supply where available. A professional audio system — mixer, four interior and four exterior Genelec speakers, two wireless microphones — supports meetings and public presentations. Wireless access points provide internet and remote access; interior and exterior video monitoring and a wireless Ajax alarm system protect the equipment. Every IT, communications and building function is operated from a smart-home application on a tablet, and the exterior carries six customisable flags for the operator's branding.

Technical specifications

Platform	Expanding semi-trailer, standard two-axle transport dimensions
Floor area	42.5 m ² in transport mode · 60 m ² deployed
Rooftop terrace	≈30 m ² over the mid-section, folding railing, flag mounts, folding external stair
Layout	Advisory offices with partner corner, ATM zone, advertising zone, technical room, kitchenette, sanitary group
Climate & lighting	Dual 12.5 kW air conditioning; full LED lighting
Power	External connection panel, 230 V and 380 V; 3 × UPS for IT autonomy
Water	70 L fresh and 120 L waste tanks; external supply hookup
AV & connectivity	Audio mixer, 4 interior + 4 exterior speakers, 2 wireless microphones; Wi-Fi access points with remote access
Security	Interior and exterior video monitoring; wireless alarm system
Control	All IT, communications and building functions from a smart-home tablet application

Deployment

On site the unit needs a 230 V or 380 V connection through the external panel; IT equipment stays up through the UPS units, and the water system runs from onboard tanks where no external supply exists. The same expanding modular platform is configured per project and can equally be fitted out as a mobile showroom, presentation centre, mobile office or health unit.