

ADMECO-Med Energy bridges for operating theaters

Our energy bridge concept for operating theaters has been continually optimized since it was first introduced in 1978. More than 700 operating theaters have been realized using this unique system.

All energy and functional systems are placed in an ideal position around the aseptic operating field.



Operating theater „Casa di cura Villa Chiara“ in Casalecchio di Reno. Option of heavy arm specifically designed to carry microscopes.

Main features

- Heavy robust one piece extruded anodised aluminiumprofile with 3 compartments (mod.dep.)
- Supports high charges and torque (1200 Nm) charges exterior to bridge area
- Service side opposite aseptic surgical area allowing optimal use by "unsterile" personnel
- Option of heavy arm specifically designed to carry microscopes (system realized for microscopes from Zeiss, Möller-Wedel and Wild-Leitz)
- Large spread (up to 3.8 m)
- Monitor consoles and arms are excentrally located on the carrying axle giving additional action radius and allowing optimized positioning
- Load carriers easily moveable thanks to 24-bearing construction
- The carrying axle for the load carriers can be positioned in front of or behind the bridge. This results in a rotational axle displacement of 300 mm to the surgical area, allowing the optimization of carrier equipment
- Carriers can cross allowing surgical components to be moved independently from anesthetic components
- Carriers are positioned on top of the bridge leaving maximum height for the unhindered passage of personnel and equipment such as microscopes, x-ray equipment, etc.
- Vertical bridge columns can optionally carry glass in laminar flow hood and cabins
- Bridges can optionally carry lead skirts for x-ray protection radiograph vivioners



Example of two carriers



New detail of the ADMECO energy bridge

