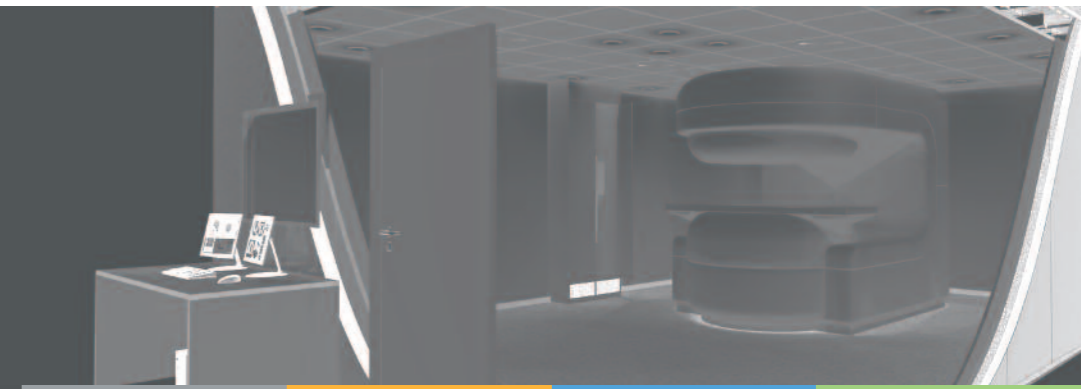


HAMACO GmbH
Berkenstr. 12
D-58640 Iserlohn
Germany
P +49 (0)2371 / 9761-5
F +49 (0)2371 / 9761-60
I www.hamaco.de
E info@hamaco.de

Steel RF shielded enclosures
Specially designed for additional magnetic shielding with open MRI systems

SteelSHIELD





Steel RF shielded enclosures for additional magnetic shielding with open MRI systems

The steel RF shielded enclosures made by HAMACO are designed for additional magnetic shielding in connection with open MRI systems and hyperthermia.

The necessary structure stability and safe contacting of the modular constructed steel RF shielded enclosures is achieved through an integrated supporting system. The surface-finished steel sheets restrain the diffusion areas of the magnetic field, and offer an increased suppression of the environment disturbances.

Of course our steel RF shielded enclosures fulfil the regulations for medical used rooms as well as those for fire protection, and have an excellent sound insulation. Individual adjustments to the site or to the corporate design of the hospital / clinic are easily implemented by means of the modular construction.

A relaxing and calming atmosphere is created for the patient through harmonious colour combinations. Opening day-light windows and the coil shelves can be a perfect add-on to the equipment.

Pre-fabrication, assembly, construction

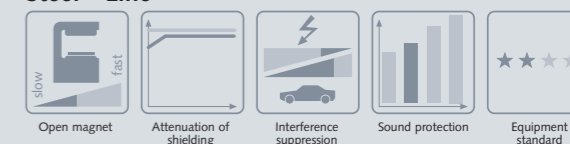
All components of the modular shielding cabins are fully pre-fabricated. The delivery and assembly of the components is quick and basically clean. In only five days the cabin with full interior including magnet transfer and all necessary system components is handed over ready to use.

Equipment and accessories

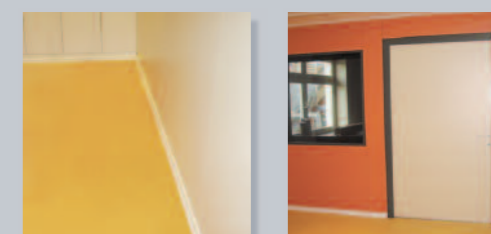
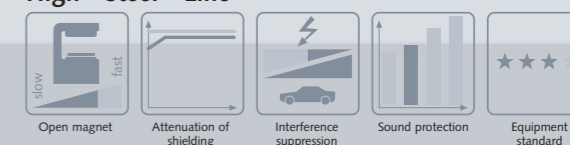
Among other things, the standard equipment includes a smooth-running access door, an interference-free viewing window, and all necessary system components. Please see the brochure Equipment and Accessories for further information. We gladly advise you about the individual equipment possibilities of your RF shielded enclosure.

Equipment series

Steel - Line



High - Steel - Line



SteelSHIELD

Short description

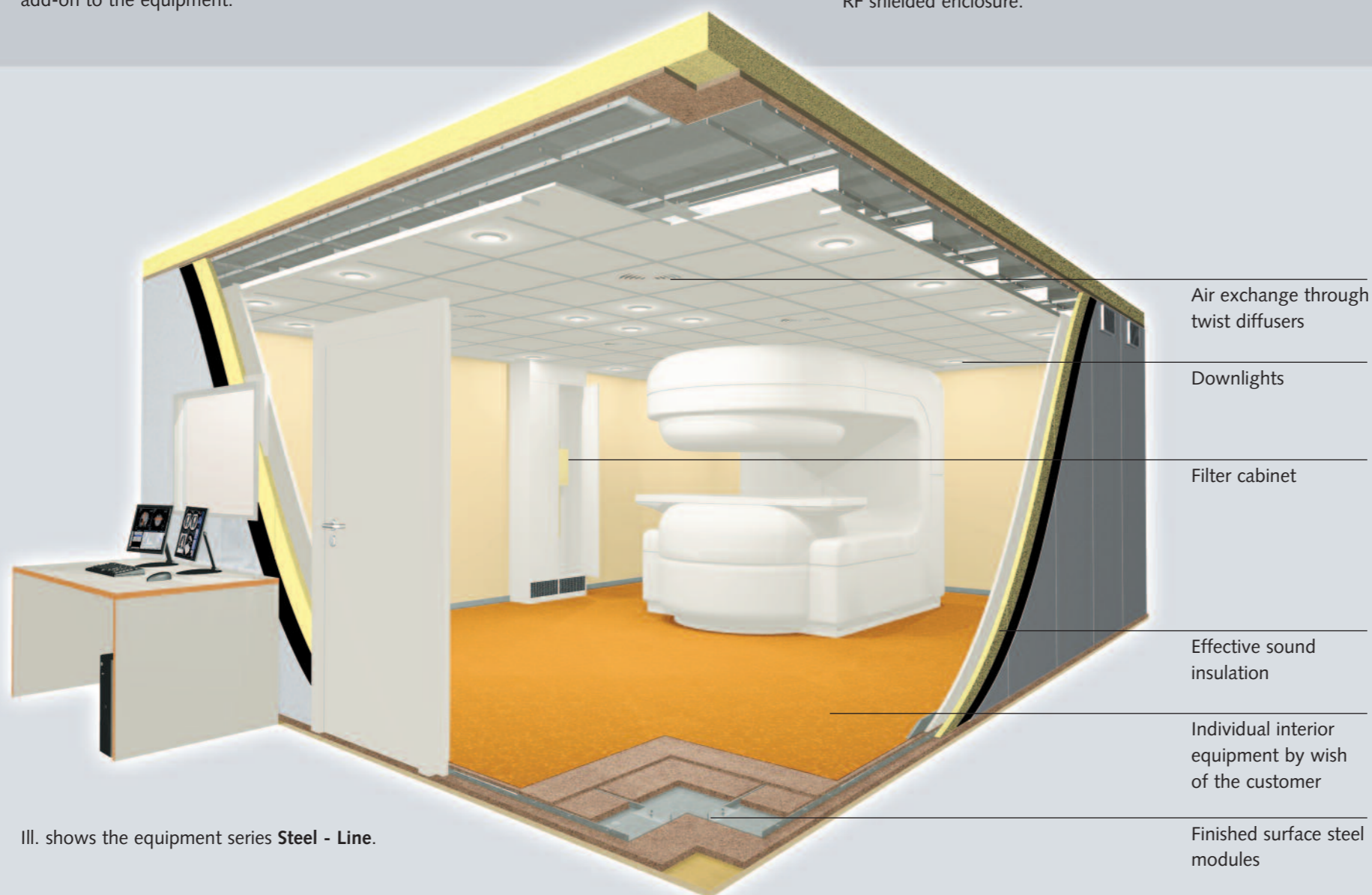
- For open magnets
- Increased magnetic shielding
- Reliable attenuation of shielding
- Two equipment series
- Individual equipment possible
- Optional colour selection
- Finished surface steel modules
- Disturbances suppression

Technology

- Unsupported and modular construction
- Integrated outer wall panelling
- Full interior
- Interference-free viewing window

HAMACO-Service

- Individual consulting and planning
- Pre-fabricated ex factory
- Short assembly times including magnet transfer „just-in-time“
- Basically clean assembly
- Ready to use handover
- Immediate operation possible



III. shows the equipment series **Steel - Line**.

Air exchange through twist diffusers

Downlights

Filter cabinet

Effective sound insulation

Individual interior equipment by wish of the customer

Finished surface steel modules

Floor, wall and ceiling construction

Cross-sectional view shows construction of the **High - Steel - Line**

