



Mobile processing unit for medical products



Cost effective and versatile solution

MMM. Protecting human health.

Mobile processing unit

More than 60 years of expertise in processing sterile goods makes us the real experts. The MMM Group is a leading supplier of general contractor services in new construction and renovation of medical technology departments – particularly the RUMED (Reprocessing Unit for Medical Devices).

We create complete solutions that combine sustainability and economy with all structural and technical details.

Renovation of the RUMED requires in many cases not only replacement of devices but also adapting processes and media to new standards or a change in circumstances. The maintenance of the supply of sterile goods for normal hospital operation during renovation work is one of the greatest challenges. The main question at the start of the project is: renovation during continuing operation or move operations to a mobile processing unit for medical products (MPU)?

Our experience as a total solution provider has shown: renovation during continuing operation often involves major restrictions for personnel and processes and increased costs due to constructions requirements to maintain hygienic requirements.

**The MMM Group has the solution:
a mobile processing unit for medical products.**



Advantages at a glance

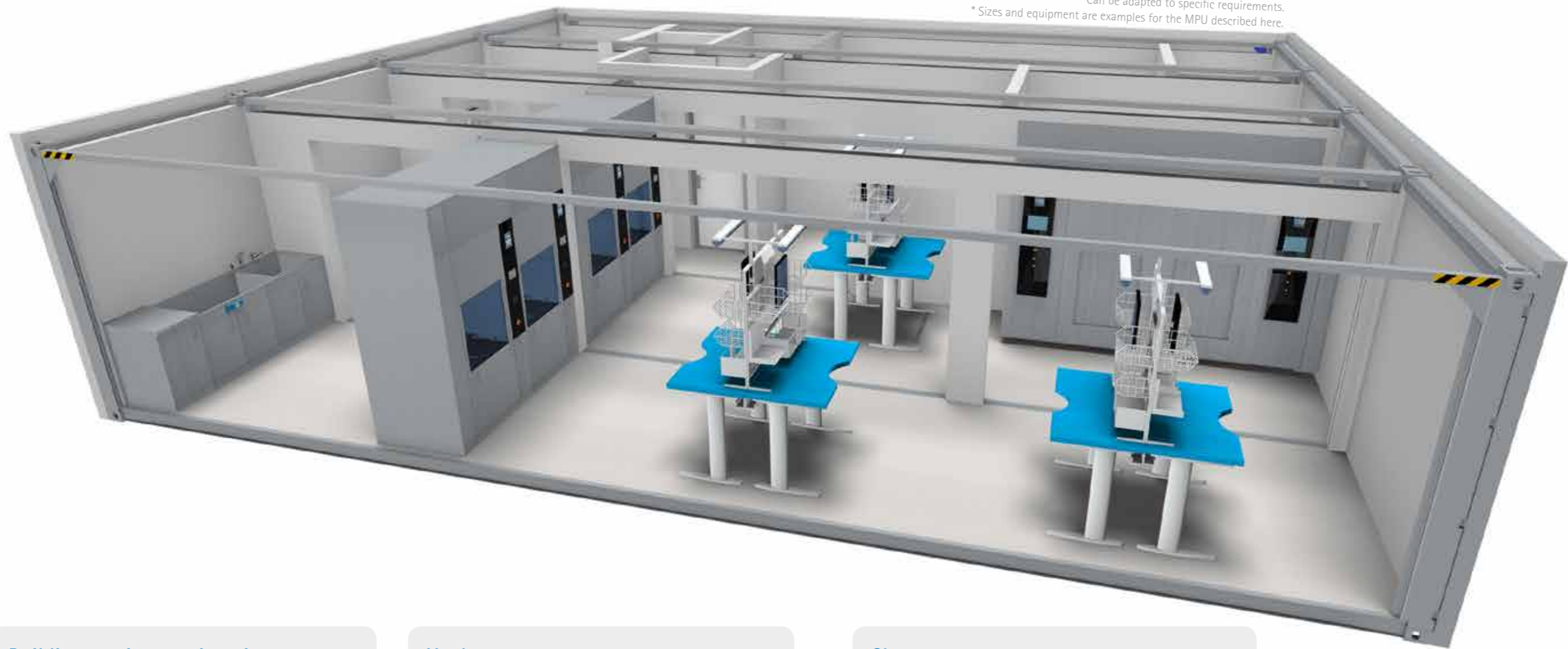
- ✓ MPU available for lease. Modules, technical building equipment and medical technology can all be leased.
- ✓ Renovation or construction time for the RUMED can be reduced by half if operation does not need to be maintained during construction and the preparation of sterile goods can be moved to a mobile MPU
- ✓ Huge cost savings by eliminating the need for complicated construction of partitions for hygiene during renovations while operations are continued at the same time
- ✓ No interference with processes during renovations
- ✓ Personnel are not exposed to noise during the renovation
- ✓ The organisation of processing can be duplicated in the MPU
- ✓ Installation time for the MPU is very short compared to time-consuming partitioning of building phases during processing operations
- ✓ Full capacity of the MPU compared to restricted capacity during renovations and continuing operation

Mobile RUMED 4

Standard configuration

The MMM base module consists of 4 modules with a robust steel frame and a total floor area (TFA) of 124 m². The external dimensions are approx. 12.5 m x 10 m x 3.1 m (LxWxH). The individual modules can be transported by truck.

* Can be adapted to specific requirements.
* Sizes and equipment are examples for the MPU described here.



Building services engineering

- External doors, windows, external facade incl. insulation, Interior fittings incl. necessary sluices
- Technical area with electrical subdistribution (optional water treatment plant)
- Air conditioning system
- Internal installations (electrical, IT network, telephone, water, waste water, compressed air, fire alarm system)

Unclean area

- 2 cleaning table systems (1 with ultrasonics)
- 4 washer-disinfectors for 15 trays Uniclean® PL II 15 *
- Racks for WD (instruments, containers etc.)
- Transport trolleys
- Rack return window

* Optional equipment with Uniclean® PL II 30

Clean area

- 6 packing tables incl. foil cutting workstation
- High cabinets
- 2 steam sterilizers Selectomat® PL 966-2H (6 StU or 320 l) *
- 2 electric steam generators
- Transport trolleys
- Loading carts

* Optional equipment with Selectomat® PL 9612 - 2 H
* Optional: space to install a single-door Sterrad

Mobile RUMED 4

Standard configuration

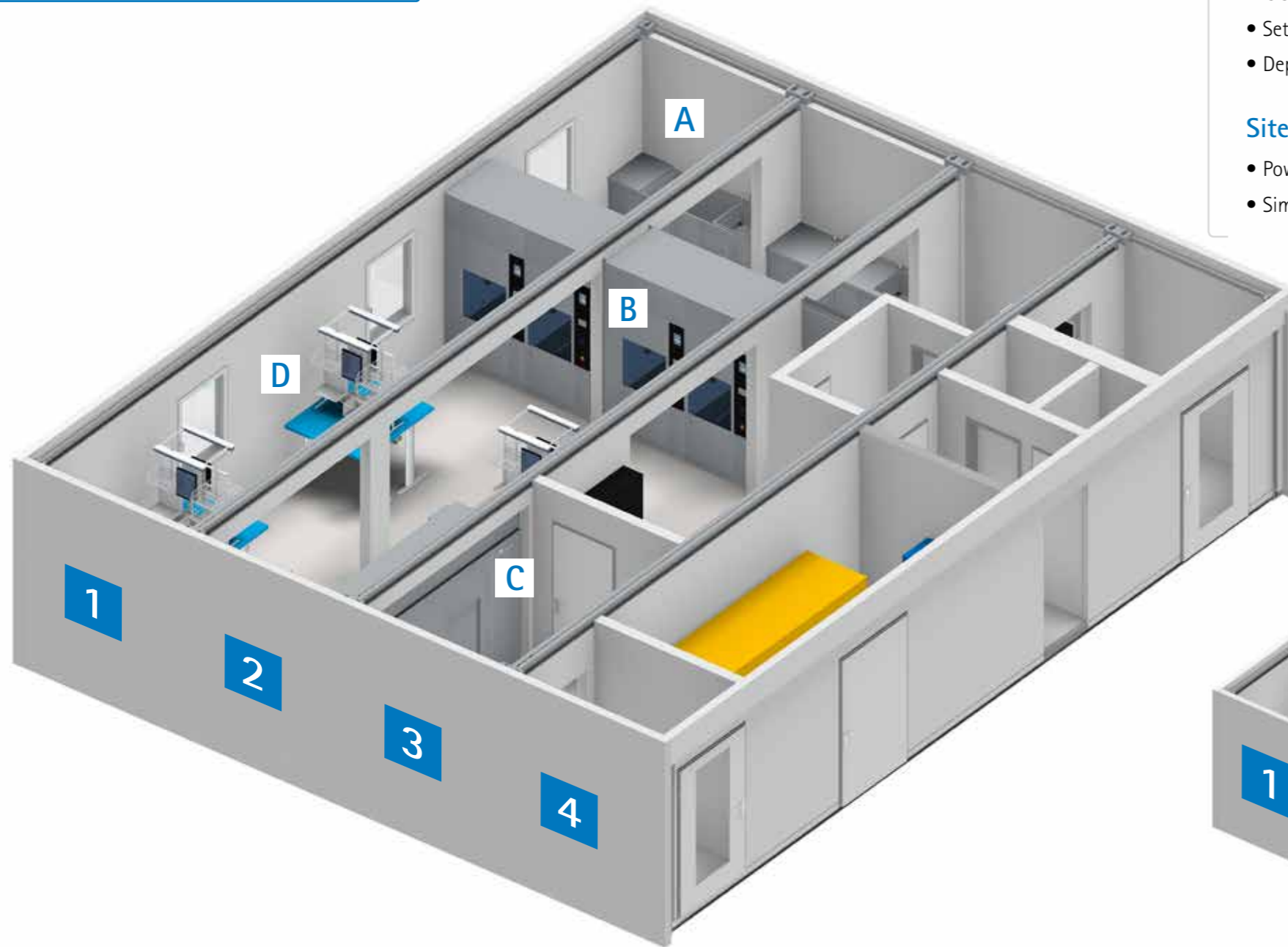


Installation time

- MMM base unit (4 modules for a daily output of up to 180 StU in two-shift operation) is supplied fully equipped
- Setup, assembly and commissioning in about 5 days
- Depending on the process validation the MPU will be available for use in the shortest possible time

Site requirements

- Power, soft water, sewage pipe and RO-water
- Simple foundation for placement of containers



Manual pre-cleaning incl. ultrasound



Machine cleaning and disinfection



Sterilization



Inspection and packaging of instruments



MMM Group

MMM has been operating worldwide as one of the leading system providers in the service of health since 1954. With a complete range of products and services relating to all aspects of cleaning, disinfection and sterilization systems for the areas of **Healthcare** and **Life Science**, MMM has positioned itself as a crucial quality and innovation driver in the German and international

market. Our products are individually adapted to the requirements of our customers all over the world. The high vertical range of manufacturing in our production plants ensures that we fulfil the strictest demands of quality in the medical technology sector. More than 1200 employees apply their expertise and dedication to the mission of the MMM Group: **Protecting human health.**



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