

Prefabricated Modular
Solutions for Healthcare

Modular Hospital

 **ACOTEC**
MANGINI
TURNKEY
DIVISION

MANGINI

HEALTHCARE WORKSPACE

Mangini Group is an industrial company, with over 60 years of presence on the market, which designs, produces and installs mobile partitions and high-tech accessories with seismic, firefighting, acoustic and environmental certification.



The group operates in design sector with **Mangini Workspace** division, in medical sector with **Mangini Healthcare** division and in **Turnkey** sector with **Acotec** division.

Mangini Workspace designs, produces and installs mobile partitions in the following design areas: Corporate, Government, Airport, Hospitality, Education, Industry, cupboards, operational and executive desks, phone booth and meeting rooms.

Mangini Healthcare designs, produces and installs partitions and false ceilings for cleanrooms, laboratories, operating rooms, intensive care units, coronary units, specialized wards and modular hospitals.

Mangini Turnkey, born from the Acotec takeover, is a company which for over 30 years designs and produces turnkey controlled contamination environments for the pharmaceutical, healthcare, microelectronics and aerospace sectors. Its skills in the turnkey are now extended to all areas of intervention of Mangini Group.

The Acotec Turnkey division operates since ever in high-tech plant engineering sector and in design, construction and maintenance of controlled contamination and biological containment structures and environments.

Thanks to thirty years of experience Acotec Turnkey proposes itself as a partner to create and implement high quality integrated customized projects.

Prefabricated modular hospital

Mangini Healthcare on behalf of the special commissioner for the Covid-19 emergency has created, in some Italian regions, several Prefabricated Modular Hospitals, intensive care centres.

The characteristics of all these modular hospitals can be briefly summarized:

- realization in record time, 54 working days from the start of the assignment;
- turnkey intervention including the supply of electro-medical equipment and furnishings;
- systems compliant with standards for biological containment environments for infected patients;
- structure in light metal carpentry with highly insulated panels;
- internal partitions and false ceilings specific for healthcare environments with controlled contamination and biological containment.



Sandro Pertini Hospital, Rome





Sandro Pertini Hospital, Rome





G.B. Grassi Hospital, Ostia





G.B. Grassi Hospital, Ostia





S. Giovanni Addolorata Hospital, Rome





S. Giovanni Addolorata Hospital, Rome





Città di Castello Hospital



Città di Castello Hospital





S. Salvatore Hospital, L'Aquila



mangini healthcare #modular hospital



S. Salvatore Hospital, L'Aquila



S.Giovanni Battista Hospital, Foligno



S.Giovanni Battista Hospital, Foligno



MODULAR HOSPITAL COMPONENTS

- Load-bearing structure of prefabricated buildings in light metal carpentry.
- External casing composed of sandwich panels with high thermal insulation performance.
- Internal partitions with seismic certification produced by Mangini Healthcare for the pharmaceutical and hospital sectors: antibacterial plasticized galvanized sheet, antibacterial prepainted galvanized sheet, high pressure (HPL) decorative laminate. The 3 types of partitions are specific for biological containment and controlled contamination environments. They are used together with sealed modular false ceilings and fulfill the demands of sanitation and maintenance of pressure. These characteristics make the system suitable for intensive and sub-intensive therapies, immunosuppressed hospitalizations, bsl laboratories, cell factories and operating rooms.







PREFABRICATED SYSTEMS FOR INTERVENTION AREAS

The need of control contamination levels is nowadays an increasingly required reality for workplaces in many healthcare sectors.

Acotec Turnkey Division of Mangini Healthcare operates scrupulously following a quality system.

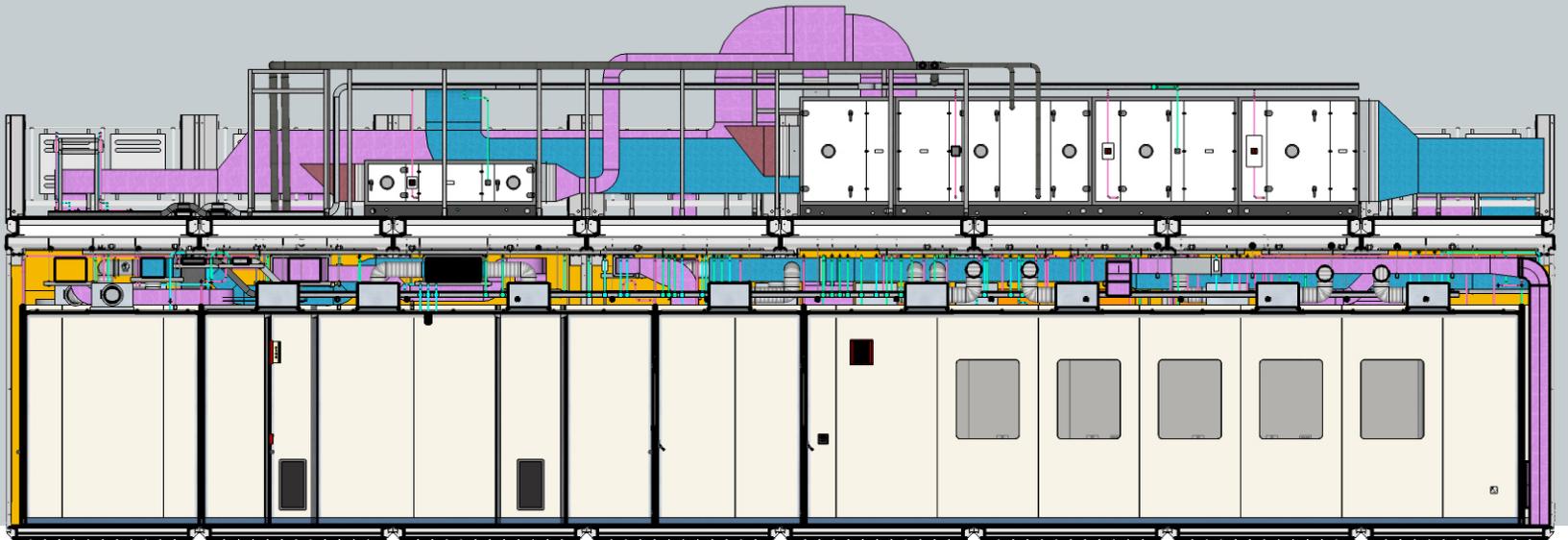
The selection of suppliers and materials used is a guarantee of a high level of safety and reliability in order to optimize the entire design and construction process.

The company's knowledge about the current regulations applicable to each individual healthcare environment ensures the construction of prefabricated structures for:

- Hospitalization for infected or immunosuppressed
- Intensive therapies
- Operating blocks
- Emergency room
- Radiologies
- Controlled contamination or biological containment laboratories

Thermo
SCIENTIFIC





ENGINEERING

Acotec Turnkey division of Mangini Healthcare employs a structured and competent staff of technicians who support the customer during all phases of implementation of a project.

The correct design, developed according to a quality system certified ISO 9001/2015 comes from a thorough preliminary analysis of needs, operational activities and pre-existing structures to which Modular Hospitals or other hospital support units must be integrated.

In the study and design process, all the problems related to the location of the Modular Hospital are evaluated taking into consideration any aspect that may affect the characteristics of the project, from the size of prefabricated, to the best location of the plant machinery, so that they become an extension of existing hospitals or new hospital structures.

ESNA-SOA

Società Organismo di Attestazione S.p.A.

Codice Identificativo : 02859540241 (Autorizzazione n.16 del 14/11/2000)

ATTESTAZIONE DI QUALIFICAZIONE ALLA ESECUZIONE DI LAVORI PUBBLICI
(ai sensi del D.P.R. 207/2010)

| | | | |
|---|--|---------|---------------------|
| Rilasciato alla impresa: MANGINI S.R.L. | | | |
| C. F.: | 07934640728 | P. IVA: | 07934640728 |
| con sede in: | PUTIGNANO | CAP: | 70017 Provincia: BA |
| Indirizzo: | STRADA PROVINCIALE 237 DELLE GROTTE PER NOCI 8 | | |
| Iscritta alla CCIAA di: | BA | al n.: | 07934640728 |

| Rappresentanti legali | | Direttori tecnici | |
|-----------------------|-----------------|-------------------------------|----------------|
| Nome e Cognome | Codice fiscale | Nome e Cognome | Codice fiscale |
| MASSIMO MANGINI | MNGMS46E0818963 | Avv. MANUELA GIUSEPPINA TORTI | TRTM.668057253 |
| MASSIMO VAVALLE | VVLMS48B1109233 | | |

Categorie e classifiche di qualificazione:

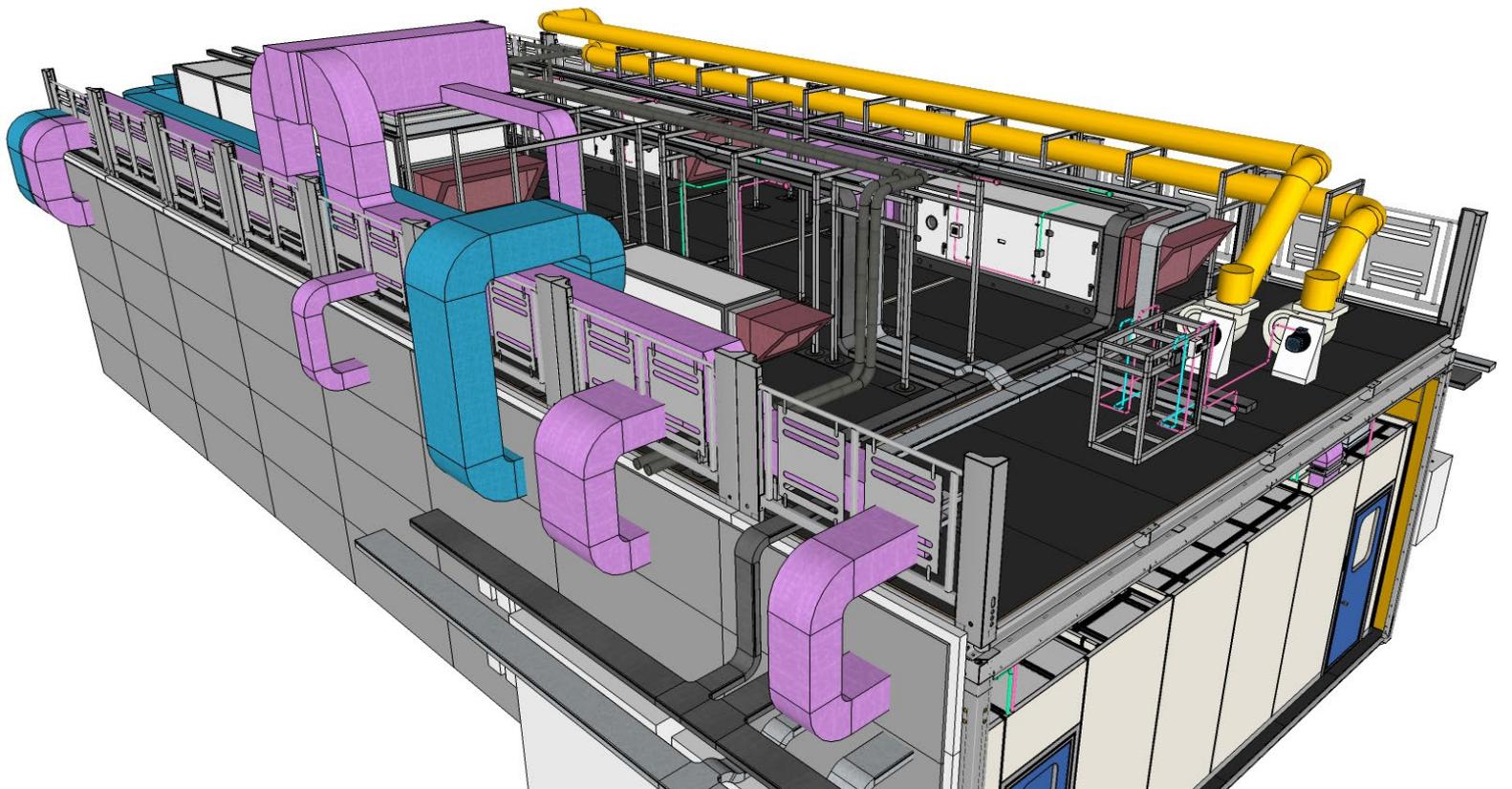
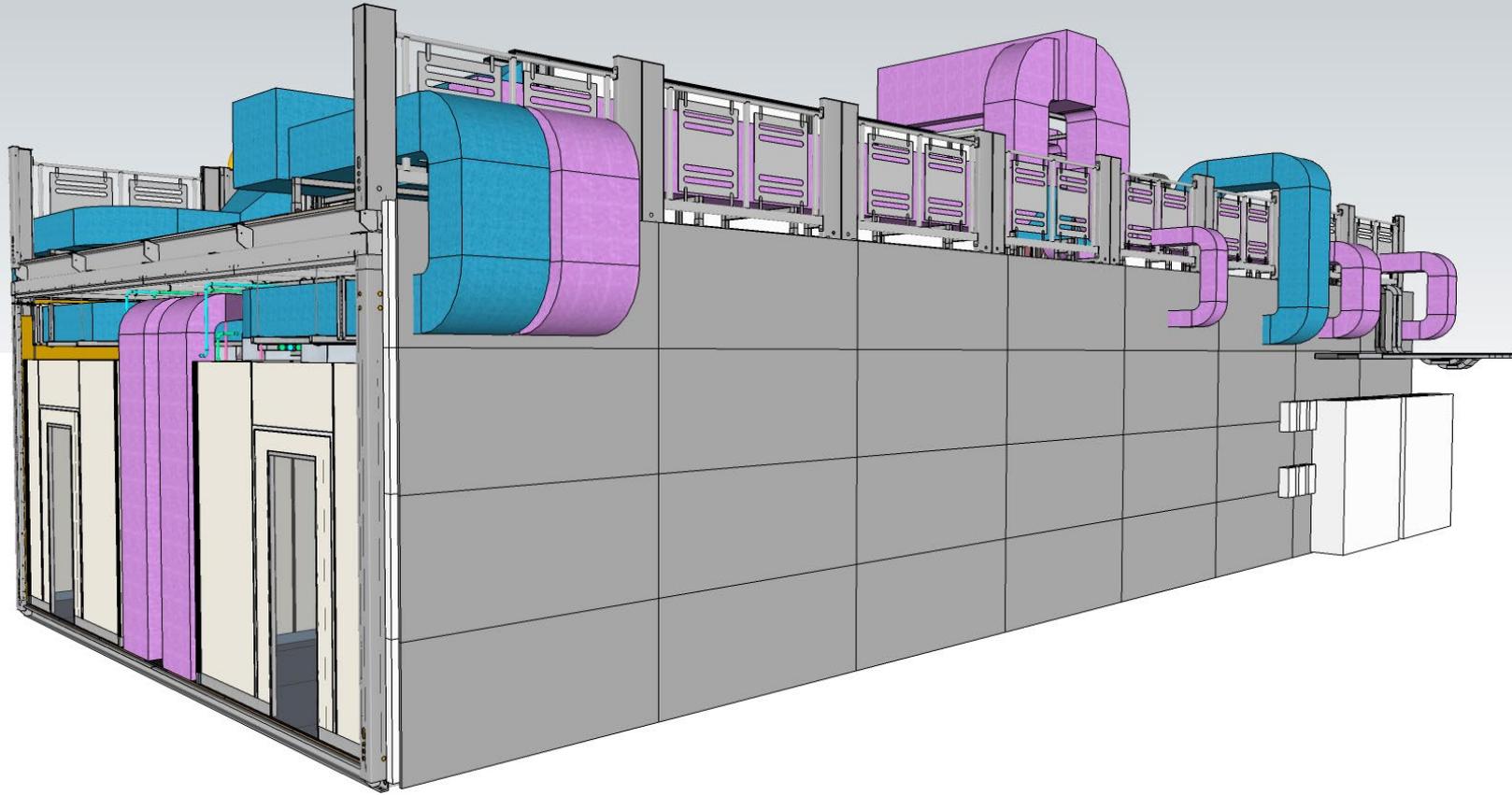
| Categoria | Classifica | C.F. direttore tecnico cui è connessa la qualificazione |
|-----------|------------|---|
| 02-1 | IV | |
| 02-11 | V | |
| 02-4 | III | |
| 02-28 | III-IIIb | |
| 02-29 | III | |

Qualificazione per prestazione di progettazione e costruzione fino alla V classifica.
L'impresa possiede la certificazione (art. 3 comma 1, lettera mm) del D.P.R. 207/2010 valida fino al 28/03/2022 rilasciata da Desa Register s.p.a.

| | | | | |
|---------------------------------------|-------------|---------------------------------------|--------------------------------|--|
| Attestazione n.: | 24188/16/00 | (N.ro prog./ codice SOA) | Sostituisce l'attestazione n.: | (N.ro prog./ codice SOA) |
| Data rilascio attestazione originaria | 09/07/2021 | Data scadenza validità triennale | 08/07/2024 | Data scadenza intermedia (cons. stab.) |
| Data rilascio attestazione in corso | 09/07/2021 | Data effettuazione verifica triennale | | Data scadenza validità quinquennale |
| | | | | 08/07/2026 |

Firmatari

| | | | |
|-----------------------|------------------|-------------------|---------------|
| Rappresentante Legale | VENTRUCCI FRANCO | Direttore Tecnico | MARANI ANDREA |
|-----------------------|------------------|-------------------|---------------|



The construction design is a very important phase, especially for prefabricated buildings that must be built in the shortest possible time, eliminating the unexpected and the variations during construction. The result is satisfactory when in design phase, the interferences between the various types of systems and the structure are evaluated simultaneously managing all the complex aspects of a "turnkey" construction.

The construction is followed in every phase by Acotec Turnkey Division technicians, who use qualified companies and high-quality materials.

On completion of the works, start-up and commissioning activities and, if required, validation of the facility and equipment continue.



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SOLUTIONS**

**ENGINEERING
RESEARCH**

PRODUCTION

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CONTACT**

**TURNKEY
CREATION**





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