

# W Moldtech



## Moulds for prison cells modular units

Moulds designed to cast multi-cell units for construction of prisons

- Production of precast concrete prison cell modular units.





- Production of 3D modular prison cell units .
- Tailor made to clients specifications, according to different regulations.



- Designed for a quick production with minimum local workforce.
- It is possible to make elements with floor or ceiling slab.
- Single or multi-cell units.





- **Single cell moulds:**
  - **Specially designed for production in factory.**
  - **Maximum working efficiency.**
  - **Maximum quality control and quality of finished product.**



- **Multi-cell moulds:**
  - For efficient on-site production.
  - Minimum local workforce.
  - No road transport is necessary.
  - Reduction of assembly connections between elements.
  - Minimum execution time.





- All types of accessories and systems for an efficient production:
  - Fast locking systems.
  - Working platforms.
  - Built-in vibration systems.
  - Optional heating systems.
  - Hydraulic opening/closing system.
  - Lifting devices.



- **Advantages over other systems:**
  - Simplified on-site building construction process.
  - Great labour savings.
  - Great reduction of leadtimes.
  - Better resistance and solid construction.
  - Allows pre-installation of all electrical and plumbing circuits and connections.
  - Different shape patterns can be produced in the concrete surface.
  - Allows including all the interior finishes during production process, before installation.





- **Advantages over other systems:**
  - All furniture and fixings can be included before installation.
  - All windows and doors can have the frames pre-installed and embedded in the concrete unit.
  - The system can include all HVAC pre-installations.

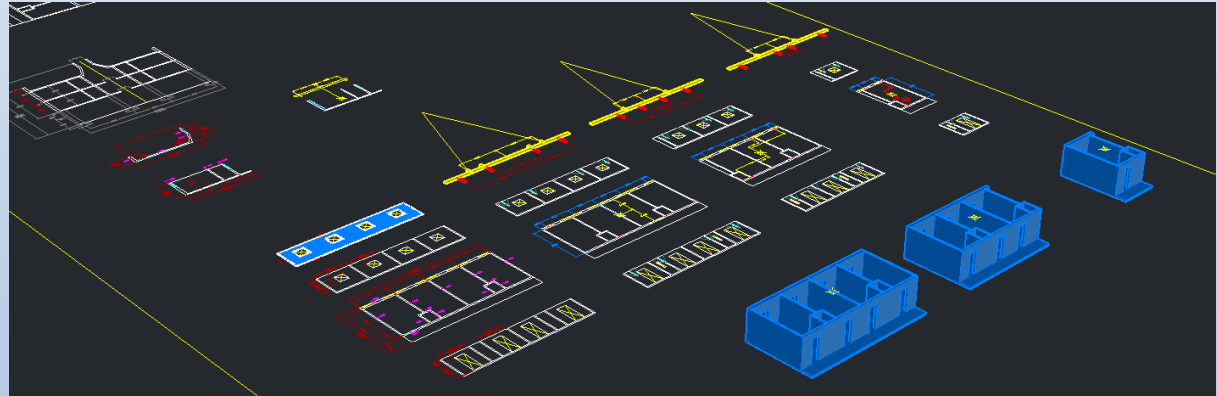


- **Advantages over other systems:**
  - **System prepared for the installation of steel furniture.**
  - **Technical support for the election of suppliers of door, windows and other elements.**





- **Moldtech can also provide support for:**
  - Structural engineering for precast elements.
  - Manufacturing designs and connection details.
  - Design of any type of tailor-made mould system.



- **Moldtech can also provide support for:**
  - Design and supply of all connection elements, lifting anchors and any needs for the correct assembly of the precast units.





- **Moldtech can also provide support for:**
  - Technical assistance during the first stages of production.
  - On-site technical assistance for the installation and assembly of precast units.



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