MOULD

ELEVATOR SHAFTS

HYDRAULIC SYSTEM

Modularity and precision for a critical component.

3D

Modularity and precision for the

INTEGRATION OF CAR AND GUIDE RAILS



Illustration for reference

Moldtech
EQUIPMENT FOR PRECAST CONCRETE PLANTS

CONTROLLED PRODUCTION.

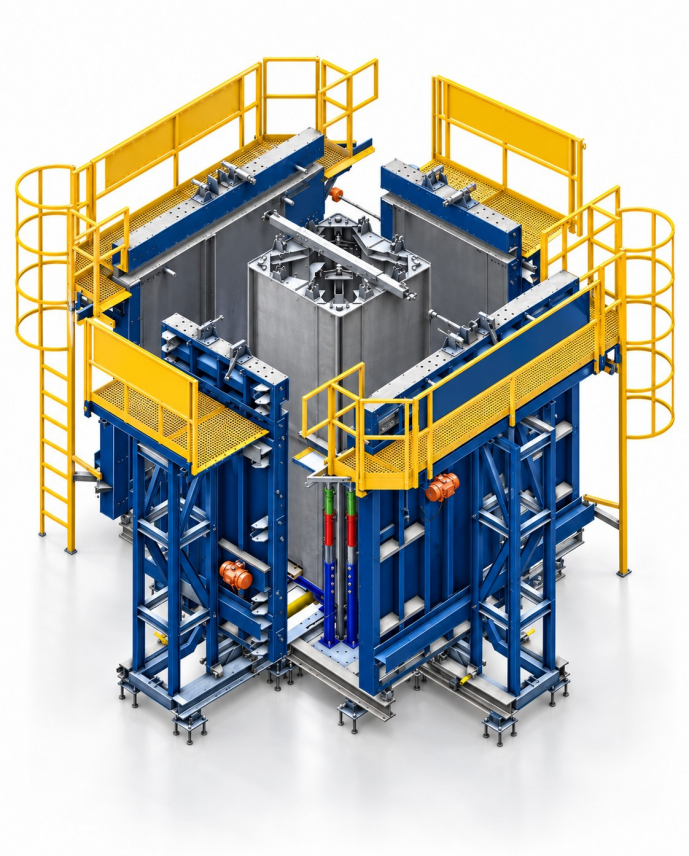
The inner core, outer panels and base plates shape the element. Hydraulic actuation simplifies demoulding, reduces production time and ensures repeatability.

TWO UNITS PER DAY*

INDICATIVE OUTPUT PER MOULD



PHOTO OF THE EQUIPMENT



ADJUSTABLE

WALL THICKNESS

VARIABLE

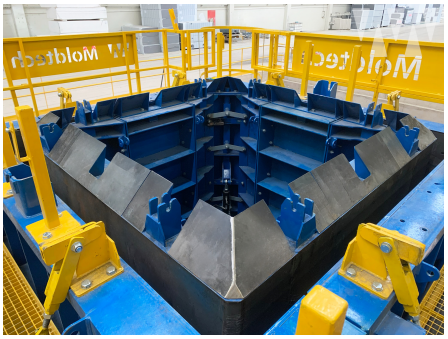
CROSS-SECTION AND HEIGHT

OPTIONAL

CORBELS



01 INNER CORE



02 CORE CONFIGURATION



03 ACTUATION

Retracting the core and opening the side panels releases the module. Vibrators compact the concrete.

*One module per cycle. Output depends on the duration of the full production cycle.

FROM MOULD TO INSTALLATION.



PRODUCTION IN THE PLANT OR ON SITE

01 PREPARE
Clean, apply release agent and set up the mould.

02 REINFORCE
Place reinforcement and inserts.

03 CAST
Pour the concrete and compact it by vibration.

04 CURE
Allow the concrete to reach demoulding strength.

05 DEMOULD
Open the mould, retract the core and lift the module.

06 STAGE
Prepare for transport and installation.



CONCRETE POURING



PREPARING THE LIFT



VERTICAL EXTRACTION



DEMOULDED MODULE

BUILT PROJECTS

On-site assembly and a detail of the access opening.



ON-SITE ASSEMBLY



ACCESS OPENING DETAIL

Access openings, guide rails and service ducts are integrated during production to suit project requirements.

Moldtech
EQUIPMENT FOR PRECAST CONCRETE PLANTS

BESPOKE ENGINEERING.

Precast concrete moulds and equipment tailored to your components and your plant's production process.

01 DESIGN AND CALCULATIONS

Technical specification of the equipment.

02 MANUFACTURING

Mould fabrication and assembly.

03 INSTALLATION AND TRAINING

Equipment commissioning.

04 SERVICE AND MAINTENANCE

Support throughout the equipment's service life.

MOLDTECH TRACK RECORD

1986

YEAR FOUNDED

600+

PROJECTS

80+

COUNTRIES WITH PROJECTS

LET'S TALK ABOUT YOUR PROJECT.

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