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The invention relates to construction and can be used in the erection of multi-storey cast-in-situ buildings.
The process for erection of cast-in-situ buil-ding includes the erection of cast-in-situ piece of the building: floor slab of the entire building – vertical structures of the overlying stage/floor of the entire building. The basic principle of the process: erection of the floor slab of the stage/floor of the building and, after setting of concrete floor slab of this stage/floor, concrete-filling of vertical structures of the next stage/floor of the entire building – time curing of the poured concrete up to the attainment of the working strength – erection of another floor slab, etc. In the execution of works the formwork is based on the stacked vertical structures of the building.
Production tooling includes: the formwork transfer mechanism, the reinforcement bin-ding device, the vertical formwork panel, the set of angular vertical formwork panels, the set of opening forming panels, the tightening device and the floor slab formwork girder.
The result is to increase the strength properties of the erected buildings, reduce the period of construction, building materials saving, the possibility of mechanization and automation of technological processes.

Claims: 29
Fig.: 39