



FLYING TABLE ST80

Flying forms are constituted by large sections of formwork, featuring supporting trusses, joists, aluminum posts SLABPROP 2.0 and plywood panels for the casting. The table is equipped with safety guardrails to be applied on the secondary or primary beams.

This system is used to cast slab areas with tables that can be designed in order to reach up to lengths of 30 meters and widths of 6 meters. The system enhances also side flaps in order to handle spaces between columns and slab edges. The ideal field of use for this system are high-rise constructions where pouring cycles repeat from one floor to another.

The supporting elements of the system are aluminum props SLABPROP 2.0. Room heights can vary from 2.15 m to 6.85 m. In case of higher rooms, aluminum props can be put one on top of the other and connected with truss frames to create shoring towers.

HANDLING

For handling, the flying tables ST80 can be lowered by jack adjustment. Afterwards, the props can be telescoped and folded out before the whole truss assembly is rolled out of the floor and lifted by crane to the next pouring position. The shifting of the table is allowed by wheeled trolleys to provide the required space to pick the table safely at four lifting points before the system is carried out of the slab perimeter. As a general indication and depending on site conditions, one flying table can be stripped out, lifted and replaced into position in 25 minutes.

The truss modules are designed to provide great flexibility to the system; they can be connected together with simple pin connections.

The average weight of a complete table is close to 53.0 kg/m².

The secondary joists can be standard Pilosio timber beams PL20 or aluminum H beams, fixed to the truss beam with its specific clamp. For the decking, the plywood can be chosen according to the job conditions and concrete finish requirements.

