

LAYOUT STRUCTURE FOR PRE-FABRICATED FLOOR PLATE PRODUCTION LINE

5 ABSTRACT

Disclosed herewith a pre-fabricated floor plate production line, which includes, along its lengthwise direction, a production area (10), a curing area (20), a post treatment area (30) and a storing area (50) in sequence, with an overhang conveying system being arranged above these areas. The production area (10) is provided with a floor plate mold, so that reinforced bars and concrete can be used to form a pre-fabricated floor plate in the mold. The curing area (20) is provided with a steam curing room, so that a pre-fabricated floor plate as formed can be cured via steam, and then removed from the mold after the curing is completed. The post treatment area (30) is used for performing post treatment on the pre-fabricated floor plate already formed. The storing area (40) is used for storage of the pre-fabricated floor plate after being post treated. The overhang conveying system is used to convey the floor plate mold and/or the pre-fabricated floor plate between these areas. The layout structure of the present invention can sufficiently utilize the production space, increase the production efficiency, and maximize the production efficacy.

(Fig. 1)