Abstract

Provided is a construction method for a fully prefabricated multi-story concrete plant, the construction method may achieve full coverage of a hoisting operation of the large beam and column prefabricated components of a floor by employing a single intelligent hoisting robot, an angle change of the track devices, an angle change of a moving device, and a self-lifting device. It is not necessary to arrange a transition track at the turn of the installation route, which saves space and installation cost, and overcomes the disadvantage of high cost caused by the traditional prefabricated construction mode of multi-story concrete plant, which needs to arrange a plurality of large hoisting equipment. It may achieve the mechanization and intelligence of the whole construction process of the fully prefabricated multi-story concrete plant.

FIG. 2