

CONCRETE TRANSPORT VEHICLE

ABSTRACT

5

The present invention discloses a concrete transport vehicle mounted on and running along a track, comprising a vehicle frame (1), hoppers (2) and weighing devices (5) arranged on the vehicle frame (1), wheels (3) and motors (4) thereof arranged on a left and a right sides of the vehicle frame (1), and a PLC control system; 10 two hoppers (2) are provided, each of which is provided with a pneumatic cylinder (21) for opening or closing a feeding port arranged at a bottom of the hopper (2); and the motors (4), the weighing devices (5) and the pneumatic cylinders (21) are all connected to the PLC control system. The concrete transport vehicle of the present invention increases the capacity of the hoppers and can accurately control the loading 15 amount of the hoppers as needed, thereby improving the transportation efficiency of concrete and avoiding the waste of concrete, which can be applied to a wide range of production lines.

(Fig. 1)

20