ABSTRACT

The present invention provides a four-way shuttle and a warehousing system. The four-way shuttle includes a frame; two lifting devices including a bearing member; a positioning device including a positioning pin and a transmission mechanism; a plurality of first running wheels; and a plurality of second running wheels. The first position is lower than the second position, and the second position is lower than the third position. When the bearing member is in the first position, the positioning pin is in a positioning position, and the frame is supported by the first running wheel. When the bearing member is in the second position, the positioning pin is in a yielding position, and the frame is supported by the second running wheel. When the bearing member is in the third position, the positioning pin is in the positioning position, and the frame is supported by the second running wheel. By linking the lifting device with the positioning device, and ingeniously combining the lifting device with the operation logic of the four-way shuttle in the warehousing system, the hard limit of the pallet can be achieved by the follow-up lifting of the positioning pin without increasing the height of the four-way shuttle and adding electrical components.

(FIG. 1)