

Turnover Plate Mechanism on Air Pallet Trailer

ABSTRACT

The invention relates to the field of air pallet trailers, and particularly to a turnover plate mechanism on an air pallet trailer. The turnover plate mechanism comprises an external member, an internal member, four cross bars and a handle. Based on the design of linkage among a baffle plate, an L-shaped turnover plate, a tension spring, a thimble, a cam and a touch bar, the baffle plate and the L-shaped turnover plate are overturned and fixed, thus achieving the automatic locking and unlocking of the pallet. The invention provides a turnover plate mechanism on an air pallet trailer, which can be automatically upturned to overcome human misoperation and hence avoid safety accidents.

Fig. 1