CLAIMS

[Claim 1] A picking system comprising:

a first region in which a manned forklift is operated;

a second region that is disposed adjacent to the first region, and in which an unmanned forklift is operated;

a third region that is disposed adjacent to the second region on a side opposite to the first region, in which a palletizer which creates a shipment pallet by picking an article from a replenishment pallet is disposed, and in which an unmanned transport vehicle which transports the replenishment pallet to the palletizer and transports the shipment pallet delivered from the palletizer is operated;

a first delivery location that is provided at a boundary between the first region and the second region, and on which the replenishment pallet received by the manned forklift operated in the first region or the shipment pallet carried by the unmanned forklift operated in the second region is placed; and

a second delivery location that is provided at a boundary between the second region and the third region, and on which the replenishment pallet carried by the unmanned forklift operated in the second region or the shipment pallet carried by the unmanned transport vehicle operated in the third region is placed, wherein

in the first delivery location, a plurality of delivery shelves are arranged along the boundary between the first region and the second region, and each of the plurality of delivery shelves configured to stack and arrange the replenishment pallets or the shipment pallets in a vertical direction is provided.

[Claim 2] The picking system according to Claim 1, wherein

the second region is disposed to surround the third region, and

the first region is disposed to surround the second region.

[Claim 3] The picking system according to Claim 1, wherein

two second regions are disposed to sandwich the third region, and

two first regions are disposed to sandwich the third region and the two second regions.

[Claim 4] The picking system according to any one of Claims 1 to 3, further comprising:

a transport stand configured to have a placement stand including a placement surface on which the replenishment pallet or the shipment pallet is placed; and configured to be supported and transported by the unmanned transport vehicle from a lower side of the placement stand at the third region and the second delivery location, wherein

the transport stand includes a guide portion that guides the replenishment pallet or the shipment pallet in a direction along the placement surface in a case where the replenishment pallet or the shipment pallet is placed on the placement surface.

[Claim 5] A warehouse comprising:

the picking system according to any one of Claims 1 to 4.