

CLAIMS

1. A transport vehicle system comprising:

a first track;

a second track that is provided below the first track and extends in the same extending direction as that of the first track; and

an overhead transport vehicle that travels on the first track and the second track and transfers articles to a first transfer location and a second transfer location adjacent to each other in the extending direction, wherein

the overhead transport vehicle includes a main body, a holder that holds an article, a lift driver that raises or lowers the holder, and a lateral extender that moves the lift driver from the main body in a lateral direction,

a port pitch, which is an arrangement interval between the first transfer location and the second transfer location, is less than the overall length of the overhead transport vehicle in the extending direction, and

a first portion, which is raised or lowered by the lift driver, of the overhead transport vehicle stopped at a first position on the first track for transferring an article to the first transfer location is offset in the extending direction from a second portion, which is moved in a lateral direction by means of the drive of the lateral extender, of the overhead transport vehicle stopped at a second position on the second track for transferring an article to the second transfer location.

2. The transport vehicle system according to claim 1, wherein

the first portion includes an article held in the holder.

3. The transport vehicle system according to claim 1 or 2, wherein
in a plan view, the first portion is within the outer edge of the second portion.

4. The transport vehicle system according to any one of claims 1 to 3, wherein

the overhead transport vehicle includes an auxiliary that, when the lateral extender causes the lift driver to move laterally, is moved laterally together therewith, and the auxiliary is included in the second portion.

~~5. The transport vehicle system according to any one of claims 1 to 4, wherein
in the extending direction, the range of the second portion of the overhead transport vehicle stopped at the first position and the range of the second portion of the overhead transport vehicle stopped at the second position partially overlap with each other.~~