## CLAIMS

1. An article transport vehicle comprising:

a carriage body; and

a transfer device that is mounted on the carriage body and is configured to transfer an article,

wherein the transfer device includes:

an article support unit configured to support the article from below;

a linking support unit that links the article support unit to the carriage body; and

a drive unit configured to perform tilt driving for tilting the article support unit,

wherein:

a direction parallel to a horizontal direction be a reference axis direction,

the linking support unit includes a first shaft support portion that is linked to the carriage body so as to be swingable around a first shaft that extends in the reference axis direction,

the article support unit includes a second shaft support portion that is linked to the linking support unit so as to be swingable around a second shaft that extends in the reference axis direction, and

the first shaft and the second shaft are arranged at different positions when viewed in the reference axis direction, and

the drive unit includes a first drive unit and a second drive unit,

the first drive unit comprises:

a first arm portion linked to the carriage body;

a first pressing portion that is linked to the first arm portion and is configured to press against the linking support unit from below;

the second drive unit comprises:

a second arm portion linked to the carriage body;

a second pressing portion that is linked to the second arm portion and is configured to press against the article support unit from below; and

a second drive source configured to drive the second arm portion,

the first drive unit is configured to transmit a drive force to the linking support unit to cause the linking support unit and the article support unit linked to the linking support unit to swing around the first shaft, so that the article support unit is tilted in a first tilt direction, and

the second drive unit is configured to transmit a drive force to the article support unit to cause the article support unit to swing around the second shaft, so that the article support unit is tilted in a second tilt direction, which is different from the first tilt direction,

the article support unit at a reference state at which the article support unit is not tilted covers an upper surface of the carriage body,

the first drive unit is configured to tilt the article support unit from the reference state in the first tilt direction by swinging the linking support unit and the article support unit around the first shaft, and

the second drive unit is configured to tilt the article support unit from the reference state in the second tilt direction by swinging the article support unit around the second shaft.

2. The article transport vehicle according to claim 1, wherein:

the first arm portion is linked to the carriage body so as to be rotatable around a third shaft that extends in the reference axis direction,

the second arm portion is linked to the carriage body so as to be rotatable around a fourth shaft that extends in the reference axis direction,

the first pressing portion is linked to a position of the first arm portion that is away from the third shaft, and is configured to press against the linking support unit by sliding on the linking support unit while rotating around the third shaft together with the first arm portion,

the second pressing portion is linked to a position of the second arm portion that is away from the fourth shaft, and is configured to press against the article support unit by sliding on the article support unit while rotating around the fourth shaft together with the second arm portion,

the first drive unit drives and rotates the first arm portion so that the first pressing portion slides on the linking support unit in a direction in which the first pressing portion approaches the first shaft support portion, and

the second drive unit drives and rotates the second arm portion so that the second pressing portion slides on the article support unit in a direction in

which the second pressing portion approaches the second shaft support portion.

3. The article transport vehicle according to claim 2, wherein:

a common shaft serves as the third shaft and the fourth shaft,

the common shaft is arranged between the first shaft and the second shaft, when viewed in a vertical direction,

the first arm portion and the second arm portion are linked to each other so as to rotate as one piece around the common shaft, and are arranged extending in different directions from the common shaft,

a common drive source serves as the first drive source and the second drive source, and

the common drive source is configured to drive and rotate the first arm portion and the second arm portion around the common shaft in opposite directions between when the linking support unit is swung around the first shaft, and when the article support unit is swung around the second shaft.

4. The article transport vehicle according to claim 2,

wherein a first slide portion of the linking support unit on which the first pressing portion slides has a first bulge portion that bulges downward while approaching the first shaft support portion, and

wherein a second slide portion of the article support unit on which the second pressing portion slides has a second bulge portion that bulges downward while approaching the second shaft support portion.

5. The article transport vehicle according to claim 3,

wherein a first slide portion of the linking support unit on which the first pressing portion slides has a first bulge portion that bulges downward while approaching the first shaft support portion, and

wherein a second slide portion of the article support unit on which the second pressing portion slides has a second bulge portion that bulges downward while approaching the second shaft support portion.

6. An article transport vehicle comprising:

a carriage body; and

a transfer device mounted on the carriage body and configured to transfer an article,

wherein the transfer device comprises:

an article support unit configured to support the article from below;

a linking support unit that links the article support unit to the carriage body; and

a drive unit configured to perform tilt driving for tilting the article support unit,

wherein:

a direction parallel to a horizontal direction is a reference axis direction,

the linking support unit includes a first shaft support portion that is linked to the carriage body so as to be swingable around a first shaft that extends in the reference axis direction,

the article support unit includes a second shaft support portion that is linked to the linking support unit so as to be swingable around a second shaft that extends in the reference axis direction, and

the first shaft and the second shaft are arranged at different positions when viewed in the reference axis direction, and

the drive unit includes a first drive unit and a second drive unit,

the first drive unit is configured to transmit a drive force to the linking support unit to cause the linking support unit and the article support unit linked to the linking support unit to swing around the first shaft, so that the article support unit is tilted in a first tilt direction,

the second drive unit is configured to transmit a drive force to the article support unit to cause the article support unit to swing around the second shaft, so that the article support unit is tilted in a second tilt direction, which is different from the first tilt direction,

wherein the first drive unit comprises:

a first arm portion linked to the carriage body;

a first pressing portion that is linked to the first arm portion and is configured to press against the linking support unit from below; and

a first drive source configured to drive the first arm portion, and

the second drive unit comprises:

a second arm portion linked to the carriage body;

a second pressing portion that is linked to the second arm

portion and is configured to press against the article support unit from below; and

a second drive source configured to drive the second arm portion.

5