Claims

1. An air compression device comprising:

a first compressor including a first port wall in which a first suction port is formed;

a second compressor including a second port wall in which a second suction port is formed; and

a suction pipe which guides an air to the first suction port and the second suction port, wherein

the first port wall and the second port wall are arranged to face each other,

the suction pipe is arranged between the first port wall and the second port wall,

characterized by further comprising a delivery pipe which receives a first compressed air from a first delivery port formed in the first port wall, and receives a second compressed air from a second delivery port formed in the second port wall,

the first compressed air being generated by compressing the air flowing in through the first suction port by the first compressor,

the second compressed air being generated by compressing the air flowing in through the second suction port by the second compressor.

2. The air compression device according to claim 1, wherein

the delivery pipe includes a manifold in which the first compressed air and the second compressed air join each other and a first fixing member which fixes the manifold to at least one of the first compressor and the second compressor,

the first fixing member includes a first adjusting structure which enables to adjust a relative position of the manifold against the first compressor and the second compressor.

3. The air compression device according to claim 2, further comprising a second fixing member which fixes the delivery pipe to the first port wall at a position different from a position where the first suction port is formed.

4. The air compression device according to claim 2 or 3, wherein

the delivery pipe includes a base end pipe and a bent pipe,

the base end pipe extends from the first delivery port toward the second port wall,

the bent pipe bends from the base end pipe and guides the first compressed air to the manifold, and

the bent pipe includes a second adjusting structure which adjusts a length of a guide section extending from the base end pipe toward the manifold.

5. The air compression device according to any one of claims 1 to 4, further comprising:

a first driving portion which generates a first driving force for driving the first compressor;

a first transmission portion which transmits the first driving force to the first compressor;

a second driving portion which generates a second driving force for driving the second compressor;

a second transmission portion which transmits the second driving force to the second compressor; and

a housing which forms a housing space in which the first compressor, the second compressor, the first driving portion, the first transmission portion, the second driving portion and the second transmission portion are housed, wherein

the housing includes an outer circumferential wall including a first wall and a second wall,

the first wall stands at a position next to the first transmission portion, and

the second wall stands at a position next to the second transmission portion.

6. The air compression device according to claim 5, wherein

the housing includes a top plate to be connected to a vehicle, a bottom plate lying below the top plate, an outer circumferential wall standing at a position between the top plate and the bottom plate and a support plate lying at a position between the top plate and the bottom plate and supporting the first compressor and the second compressor, and

the support plate includes an upper surface to which the first compressor and the second compressor are mounted and a lower surface to which the first driving portion and the second driving portion are mounted.

7. The air compression device according to claim 5 or 6, further comprising:

a fan device including a fan blade rotating to generate cooling air which cools the first compressor; and

a cooling air flow adjusting box arranged between the fan device and the first compressor, wherein

the cooling air flow adjusting box includes a first adjusting plate facing the fan device and a second adjusting plate facing the first compressor,

a circular opening is formed in the first adjusting plate,

a rectangular opening is formed in the second adjusting plate.

8. The air compression device according to any one of claims 1 to 7, wherein the suction pipe includes a suction duct extending along the first port wall, a connecting pipe including a first end connected to the suction duct and a second end connected to the first suction port, and a trim seal which seals an interspace between the suction duct and the first end.