【CLAIMS】

【Claim 1】

A heating apparatus for a heat treatment machine, comprising:

a base plate;

an ascending and descending member of which one end is coupled to the base plate through a coupler;

a plurality of ceramic members provided in the ascending and descending member;

a first driving part configured to raise and lower the ascending and descending member; and

a second driving part configured to convey the base plate in a horizontal direction,

wherein the second driving part conveys the base plate in the horizontal direction to unify a location of each of the ceramic members in a vertical direction when the ascending and descending member ascends and descends.

【Claim 2】

The heating apparatus for a heat treatment machine of claim 1, wherein the ascending and descending member ascends and descends while rotating around the coupler.

【Claim 3】

The heating apparatus for a heat treatment machine of claim 1, further comprising a controller configured to calculate a conveying distance of the base plate on the basis of an ascending and descending distance of each of the ceramic members, and control the second driving part according to the calculated conveying distance.

【Claim 4】

The heating apparatus for a heat treatment machine of claim 1, wherein the first driving part includes:

a driving part;

a rotating member connected to the driving part; and

a guide member connected to the ascending and descending member and configured to come into contact with the rotating member.

【Claim 5】

The heating apparatus for a heat treatment machine of claim 4, wherein:

the rotating member includes a first gear part; and

the guide member includes a second gear part having a curved shape and engaged with the first gear part.

【Claim 6】

The heating apparatus for a heat treatment machine of claim 3, further comprising a sensor part configured to sense body information of a user and provide the body information to the controller.

【Claim 7】

The heating apparatus for a heat treatment machine of claim 6, wherein the controller raises and lowers the ascending and descending member according to the sensed body information of the user.