AMENDED CLAIMS

1. A prefabricated double-skin wall mold, used for manufacturing a prefabricated double-skin wall including a lower wall body (10) and an upper wall body (20), the mold comprising a platform (1),

characterized in that the mold further comprises a lower side plate assembly surrounding an outer periphery of an area where the lower wall body (10) is located, an upper side plate assembly surrounding an outer periphery of an area where the upper wall body (20) is located, and a horizontal supporting mechanism for supporting the upper wall body (20),

wherein the lower side plate assembly is detachably mounted on the top of the platform (1), and at least a part of the upper side plate assembly is detachably mounted on the top of the platform (1) or the lower side plate assembly, the horizontal supporting mechanism being arranged between two opposite upper side plates of the upper side plate assembly,

wherein the horizontal supporting mechanism comprises a plurality of counter braces (6), both ends of each counter brace being placed on side walls of two opposite upper side plates of the upper side plate assembly, and

wherein an inverted L-shaped slot (313) is provided at a position on a side wall of the upper side plate assembly where each counter brace (6) is located, and both ends of said counter brace (6) are moveable along the inverted L-shaped slot (313).

2. The prefabricated double-skin wall mold according to claim 1, characterized in that the mold further comprises a bottom carrier plate (4), which is used as a bottom mold member for the upper wall body (20), and is supported by the horizontal supporting mechanism when the mold is assembled.

3. The prefabricated double-skin wall mold according to claim 2, characterized in that the bottom carrier plate (4) is formed by connecting a plurality of carrier plate

units (41), with a plurality of holes (42) being formed at a joint between two adjacent carrier plate units (41) for reinforcing bars to pass through.

4. The prefabricated double-skin wall mold according to claim 1, characterized in that a bottom surface of the upper wall body (20) is provided with a thermal insulating panel (30), and a thermal insulating panel bracket (5) is arranged at a position inner of the upper side plate assembly, the thermal insulating panel (30) being placed on the thermal insulating panel bracket (5) and the horizontal supporting mechanism.

5. The prefabricated double-skin wall mold according to any one of claims 1 to 4, characterized in that a side face of each of the lower side plate assembly and the upper side plate assembly that is in contact with an area to be poured is formed as a rough surface.

6. The prefabricated double-skin wall mold according to any one of claims 1 to 4, characterized in that a positioning cone is fixed at a position of the platform (1) to be connected with the lower side plate assembly or the upper side plate assembly, and

at a position corresponding to the positioning cone, the lower side plate assembly or the upper side plate assembly has a partially tapered inner surface that is in engagement with an outer surface of the positioning cone.

7. The prefabricated double-skin wall mold according to any one of claims 1 to 4, characterized in that the double-skin wall is provided with a preformed opening (40), and

the mold further comprises an inner mold assembly (7), which is detachably mounted on the top of the platform (1) and surrounds an outer periphery of an area of the preformed opening (40).

8. The prefabricated double-skin wall mold according to any one of claims 1 to 4,

characterized in that the mold further comprises an embedded part fastener (8), one end of which is detachably mounted on the lower side plate assembly or the upper side plate assembly, and the other end of which is used to fix an embedded part at a set position in an area to be poured.

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