PATENT CLAIMS

1. A lifting device (1), comprising at least two vertical booms (2) which via one end are pivotally connected to a base and via an opposite end are connected to a horizontal beam (3) in order thereby to form a frame, which frame is connected to at least one cylinder (5), characterised in that the lifting device (1) further comprises at least two tension rods (6) which via one end are connected to the horizontal beam (3), which horizontal beam (3) is pivotally connected to the at least two vertical booms (2) and tension rods (6).

2. A lifting device according to claim 1, characterised in that an opposite end of the at least two tension rods (6) is pivotally connected to a base (7) on the underlying surface (U).

3. A lifting device according to claim 1, characterised in that the pivotal connection is constituted of a bearing, a swivel connection or the like.

4. A lifting device according to claim 1, characterised in that at least one hook block (8) is connected to the horizontal beam (3).

5. A lifting device according to claim 1, characterised in that a lifting hook (13) in the hook block (8) is connected via a lifting wire (9) to a least one winch (11) in a winch arrangement (101).

6. A lifting device according to claim 5, characterised in that at least one wire sheave (10) is arranged between the winch (11) and the hook block (8).

7. A lifting device according to claim 1, characterised in that the base is constituted of a frame, a block, bracket or the like.

8. A lifting device according to claim 1, 2 or 7, characterised in that the base (7) is fixedly connected to or movable in relation to the underlying surface (U).

9. A lifting device according to claim 4, characterised in that the hook block (8) is pivotally connected to the horizontal beam (3).

CLAIMS

1. A lifting frame device (1), comprising at least two vertical booms (2) which via one end are pivotally connected to a base and via an opposite end are connected to a horizontal beam (3) in order thereby to form a frame, which frame is connected to at least one cylinder (5), characterised in that the horizontal beam (3) is configured with a plurality of projections, where the lifting frame device (1) further comprises at least two tension rods (6) which via one end are connected to the projections on one side of the horizontal beam (3), which horizontal beam (3) through a first pivot point (11) and a pivot point (16) is pivotally connected to the at least two vertical booms (2) and tension rods (6), while at least one hook block (8) is connected to one or more projections on the opposite side of the horizontal beam (3).

2. A lifting device according to claim 1, characterised in that an opposite end of the at least two tension rods (6) is pivotally connected to a base (7) on the underlying surface (U).

3. A lifting device according to claim 1, characterised in that the pivotal connection is constituted of a bearing, a swivel connection or the like.

4. A lifting device according to claim 1, characterised in that a lifting hook (13) in the hook block (8) is connected via a lifting wire (9) to a least one winch (11) in a winch arrangement (101).

5. A lifting device according to claim 4, characterised in that at least one wire sheave (10) is arranged between the winch (11) and the hook block (8).

6. A lifting device according to claim 1, characterised in that the base is constituted of a frame, a block, bracket or the like.

7. A lifting device according to claim 1, 2 or 6, characterised in that the base (7) is fixedly connected to or movable in relation to the underlying surface (U).

8. A lifting device according to claim 1, characterised in that the hook block (8) is pivotally connected to the horizontal beam (3).