CLAIMS

1). A self-propelled aerial platform including a work platform provided at the end of an operating arm which is supported by a base or turret which is in turn joined to a mobile wheeled chassis or to a truck with the possibility to rotate with respect thereto, the base or turret (4) of said operating arm (2) is coupled to said mobile chassis with a coupling rotatable about a vertical axis (A), it being provided that at least one motor means (7), pumps and tanks of fluids and other means are supported onto said mobile wheeled chassis or truck (3) beneath said rotatable coupling, hydraulic and electrical couplings (6) being also provided, which cooperate with said rotatable coupling to establish hydraulic and electrical connections between said at least a motor means (7), pumps and tanks and actuator means provided on the base or turret (4), the operating arm (2) constrained thereto and supported thereby and the aerial work platform (1), characterized in that said motor means (7) is placed in a median position and has a rotation axis transverse to the longitudinal axis of the mobile wheeled chassis or truck (3).

2). A self-propelled aerial platform according to claim 1 characterized in that said motor means (7) drives a hydraulic pump (8) for controlling the movements of the platform and a hydraulic pump (10) adapted to feed the driving means for moving the working platform.

3). A self-propelled aerial platform according to claim 2 characterized in that said hydraulic pump (8) is a hydrostatic pump.

4). A self-propelled aerial platform according to claim 2 characterized in that said mobile wheeled chassis or truck (3) is operated to move by means of at least one hydraulic transmission (9).

5). A self-propelled aerial platform according to claim 4 characterized in that said at least one hydraulic transmission (9) is a hydrostatic motor.

6). A self-propelled aerial platform according to one of the previous claims characterized in that a counterweight (5) is fastened to the base or turret (4) of said operating arm (2) and is shaped and positioned so as to be, at least in part, beneath the plane of the rotatable coupling of said base or turret (4) for connection to said mobile wheeled chassis or truck (3).