

# octopussy 1412 twin



## **DESCRIPTION OF THE TECHNICAL FEATURES**

Aerial platform installed on a self-propelling tracked vehicle, designed for aerial access and work at a height where a wheeled vehicle cannot be used, i.e. steep or sandy terrain, areas that are difficult to access or with reduced dimensions (churches, museums, theatres, etc) and areas with a low concentrated specific capacity (such as floors of garages or basements).

### **BASE FRAME**

Sheet steel structure. Tracked vehicle with rubber tread with a wide support base, driven hydraulically. The tracks have independent hydraulic traction and are equipped with negative safety brakes and can be used on slopes with gradients of up to 28% in the travel direction.

### **STABILISATION**

Stabilisation is provided by 4 supports that are operated by hydraulic pistons. The plate resting on the ground is connected to the lower part of the stabilizer and can move in all directions to adapt perfectly to the terrain. When at rest, the stabilizers retract completely.

### **ARM-BEARING TURRET**

Made of heavy-duty sheet steel. Rotates on bushes with a low friction coefficient.. Driven by a hydraulic unit coupled with a ring fixed to the turret.

### **ARM**

Hydraulically operated extendible arm with jib with tip that can be swivelled. The extendible parts slide on plastic sliding blocks with a very low friction coefficient. The arm has an operating range of - 0° to + 75° in relation to the horizontal and is articulated to enable it to go over high obstacles. A hydraulically swivelling jib is hinged on the top of the arm. The tower comprises a double pantograph and is driven by independent hydraulic cylinders that enable the telescopic arm to work at a great height.



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**OPERATORS' PLATFORM**

It is made entirely of aluminium and to provide the operators with easy access, it has a generously proportioned front opening that is guarded by a bar that shuts through the force of gravity. The platform has a rapid release that enables the space that it occupies during transit of the equipment to be minimized.

**PLATFORM LEVELLING**

It uses a hydraulic pantograph system that is able to rephase the horizontal condition.

**CONTROLS**

Hydraulic, with a dual position: on platform and on turret. The commands and controls for the engine are located on the ground frame. The translation and stabilisation operations are controlled by a double hydraulic distributor with independent operation. The control distributors of the arm have sensitive proportional levers. The distributor on the platform is used to level the platform manually. The self-retaining emergency and engine stop switch is located in all the command and control positions.

**STANDARD SAFETY DEVICES**

- Hooks for safety belts
- Fixing attachments on the frame of the machine during conveying
- Device on self-locking rotation
- Arm/drive motion interlock
- Manual pump for emergency descent
- Thermal overload protection on electrical system
- Drive-motion intermittent acoustic alarm
- Max. valve on hydraulic circuit
- Stop valves on all cylinders

**SERIALLY MOUNTED ACCESSORIES**

- Removable platform-reduction of front profile down to 78 cm by mechanical removal of operators' platform
- 2 safety belts
- Machine operation hour counter
- 220VAC, 2.2kw monophase electric pump comprising an electric control panel and battery charger supplied from an external network.
- 220 VDC monophase electric power socket on platform with differential switches
- Drive motion acoustic warning
- Luminous position indicators installed on stabilizer arms warning that stabilisation has occurred

**FEATURES AND PERFORMANCE**

<b>Angular outreach of telescopic arm</b>	From 0° to +75°
<b>Arm articulations</b>	2 + telescopic
<b>Max. drive-motion speed</b>	1.5 km/h
<b>Rubber tracks</b>	180x34x72
<b>Traction</b>	Hydraulic
<b>Max. incline</b>	28%
<b>Length</b>	4000 mm
<b>Width (without platform)</b>	780 mm
<b>Height</b>	1,960 mm
<b>Max. operating height</b>	14.00 m/1 operator - 12.30 m/2 operators
<b>Max. operating outreach</b>	6.40 m/1 operator - 5.70 m/2 operators
<b>Maximum capacity</b>	120-200 kg/1-2 operators
<b>Maximum number of operators</b>	2
<b>Dimensions of aluminium removable operator platform</b>	1400 x 700 x h1100 mm
<b>Controls</b>	Hydraulic
<b>Turret rotation</b>	300°
<b>Engine</b>	One-cylinder Honda
<b>Running weight</b>	1850 kg 1630

**OPTIONALS AVAILABLE ON REQUEST**

- Pair of white trace tapes for internal use
- 60W illuminating lamp on operator platform supplied by vehicle's batteries (available only with optional power socket), including 12V power socket
- Inclinator with acoustic alarm that is set off when permitted incline is exceeded
- Multiuse power line to platform
- Engine: Lombardini, diesel
- Enlarged plates in nylatron, d. 300
- Adhesive messages on arm
- Paint other than standard (white RAL 9016)



**OPERATING AREA AND GEOMETRICAL FIGURES**

