

# ***OIL & STEEL***<sup>®</sup>

**THE ONE-STEP-AHEAD COMPANY™**



**OCTOPUSSY 1465**

## TECHNICAL CHARACTERISTICS

A mobile elevating work platform fitted to a self-propelled tracked base designed for safe operation where it would be impossible to use a wheeled vehicle, like steeply inclined, obstructed, or sandy ground, or in areas with difficult access and limited space. This includes churches, museums, theatres, etc. and areas with low concentrated load capacity like garage attics, and basements.

## BASIC FRAME

Structure in tubular and plate steel with wide surface area rubber tracks. The tracks have independent hydraulic drive and negative safety brakes. They are able to overcome slopes of up to 28% in the drive direction.

## STABILISATION

The machine is stabilised with 4 no independently actioned hydraulic outriggers. At the base of each outrigger is a heavy-duty nylon pad mounted on a pivoting ball joint. The stabilisers are designed to give excellent levelling on ground inclined up to 6%. When out of use the stabilisers fold in completely staying within the 780mm track width

## TURRET

Made in high quality tubular and plate steel, it is fitted on the double row footstep bearing and driven by a hydraulic gear motor. The turret gearing is fully enclosed for maximum safety.

## BOOM CONFIGURATION

The Octopussy has a hydraulic telescopic inner boom with slide runners in a low friction plastic material. The boom has a range of action from 0° to +75° to the horizontal. It is articulated to allow high obstacles to be passed. The articulated structure supporting the boom is driven by a hydraulic cylinder, which allows a precise movement of the telescopic arm.

## OPERATORS' BASKET

The basket is constructed in tubular electrically welded aluminium. Operators have easy access to the basket via the large entry point, closure is by a gravity drop down bar, mounted with nylon guides each end.

The basket is removable to allow fast interchange between baskets, to aid transportation, or to decrease the dimensions of the unit to its minimum size of 780 mm track width.

All Octopussy have an overload sensor device fitted under the basket, actioning a loud warning bleeper in case of excessive weight.

## BASKET LEVELLING

Levelling is by means of a hydraulic pantograph with two closed circuit cylinders and the possibility to reset the horizontal. The lever is secured by a pull up toggle device

## POWER DRIVE

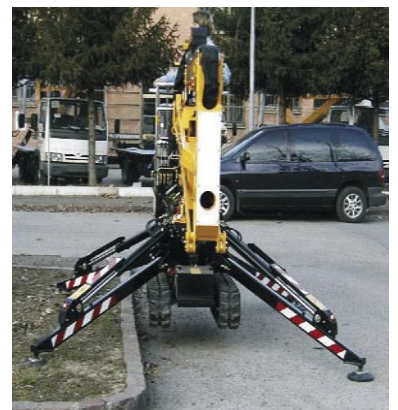
The Octopussy is normally powered by a 9 HP Honda petrol engine but alternatively, if working inside a church, sports hall, shopping centre, etc., an optional 220V or 110V mains electric motor with integral hydraulic pump runs smoothly and silently. As options are a 13 HP Honda petrol or a 13 HP Yanmar diesel engine.

## CONTROLS

There are three sets of hydraulic controls:

1. The forward/reverse drive, and outrigger descent/raise controls are actioned through a hydraulic distributor, each lever offering proportional control.
2. The ground level controls allow all movements of the boom
3. The basket controls (switched by a separate hydraulic lever) control all actions of the boom, fly jib, and basket.

Situated at ground level and in the basket are emergency stop buttons in line with current EEC regulations





### COMPACTNESS:

The Octopussy has been engineered to be extremely compact when it is closed.

As you can see the Octopussy 1465 is only 850 mm. width (approx. 2.56 ft) basket fitted, or 780 mm across the tracks with the basket detached and 1990 mm. height (approx. 5.89 ft).

### SAFETY DEVICES

- Coupling for safety harness
- Fixing points on frame for use during transport.
- Self-locking rotation device
- Boom/drive safety interlock
- Hand pump for emergency descent
- Thermal protection on the electrical system
- Travel mode alarm bell
- Max. pressure valve on the hydraulic circuit

### REFLECTIVE SAFETY STRIPES, STABILIZER'S LIGHTS, ANCOR POINTS

Extended outrigger leg, with protected flashing light indicating leg pressure is achieved and platform is ready to work

Strapping location on either side of boom to secure platform to vehicle or trailer for transporting

Reflective safety warning stripes on each outrigger, clearly visible in daylight and at night in headlights.

Protected flashing warning lights

Robust ram protector to ensure no damage occurs to outrigger ram in the event of debris being dropped from high level

Earthling point on one outrigger leg

ABB 1P65 protected electric motor control box, protected by steel guarding. The 220V or 110V mains electric motor has an integral hydraulic pump, and is designed to operate for long periods without overheating

Safety harness clip in platform basket. There is one clip in the single place basket, and two clips in the double place basket for 1055 & 1250 machines

### ACCESSORIES FITTED AS STANDARD

- **Shock protected levelling indicator**

This device lets you see from any working position what is the alignment with the ground level. The wide 8 cm screen is visible even when working from the platform.

- **Column-base alignment indicator**

Very simple but very helpful, this indicator let you close your platform in perfect alignment with your track. Enabling a fast and secure platform recovery

- **"Warning Stripes"**

All our Octopussy are equipped with these reflective "Warning Stripes" to increase the safety while working in night conditions

- **Emergency hand pump**

This mechanism is really helpful should you run out of fuel.

It will allow you to make all the platform movements, including driving the tracks

- Detachable basket
- 2 safety belts on basket
- Hour-meter
- Audible alarm for drive motion
- Stabilizers extended and pressurised warning light.
- Audible overload limiting device
- Engine stop/start controls on basket
- Electronic engine choke in basket

### CHARATERISTICS AND SPECIFICATIONS

Boom angle	0°/+75°
Boom	2+telescopic
Max. Travel speed	1,5 Km/h
Rubber tracks	180x34x72
Controls	Hydraulic
Maximum gradient	28%

## TECHNICAL DATA

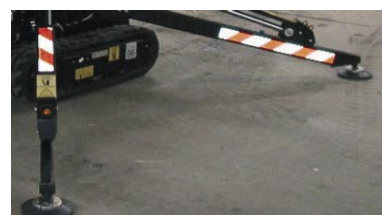
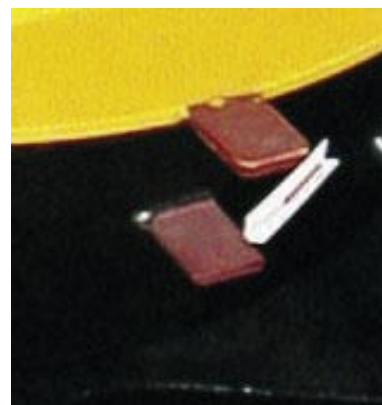
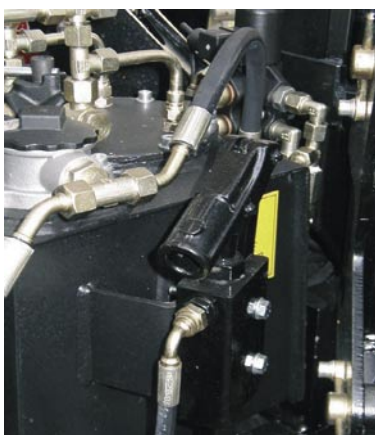
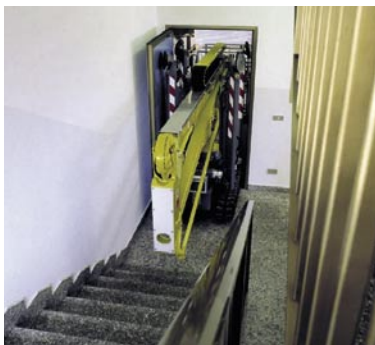
Max. Working height	14m
Max. Working outreach	6.5m
Max. Load capacity	120Kg
Basket dimensions	700x700x1100h
Control system	hydraulic
Slewing turret	305°
Engine single cylinder	Honda 9HP
Machine weight	1600Kg

## We can supply the platform in the following engine versions:

- 1.515.006 HONDA PETROL 9 HP  
Machine according to the CE rules
- 1.515.39 HONDA PETROL 13 HP  
Machine according to the CE rules
- 1.515.40 YANMAR DIESEL  
Machine according to the CE rules

## With the following Optionals:

- 144 Turret control distributor covering
- 143 Stabilisers distributor covering
- 059 Electric engine covering
- 074 Yanmar diesel engine covering
- 058 Honda engine covering
- 060 Electric panel covering, electro valve and electric socket 220 V
- 019 Single place basket dim. 700 x 700 x 1100 h mm in addition to the standard basket (Oct. 1055)
- 026 Single place basket dim. 1300 x 700 x 1100 h mm 120 kg charge in addition to the standard (Oct. 1265)
- 180 Single basket dim. 700 x 700 x 1100 h mm instead of the standard one (Oct. 1055)
- 142 Single basket dim. 1300 x 700 x 1100 h mm 120 kg charge instead of the standard one (Oct. 1265)
- 052 Non marking tracks for internal use
- 022 Single phase 220V mains electric drive motor with integral hydraulic pump
- 152 Electro-solenoid valves for emergency descent from the basket
- 053 20 W spotlight on the basket
- 054 Inclinometer with acoustic alarm for excessive out of level warning Charge limitation on the basket
- 024 Octopussy 1055
- 151 Octopussy 1265 Compressed air line to the basket
- 055 Octopussy 1055
- 070 Octopussy 1265
- 056 300 mm Diameter stabiliser pads
- 023 Electric socket 220V c.a. single phase on the basket
- 139 Aluminium ramps L 4000 mm charge 1500 Kg
- 057 Ladder to access the platform
- 061 Adhesives on arm and body (client to supply)
- 062 Additional non standard painting



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