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WG Telescopic Manipulator



The WG Telescopic Manipulator is used for manipulating suspect devices from a distance.

The Telescopic Manipulator allows the operator to pick up and move a suspect device using a remotely-controlled, electrically-powered manipulator grab. The grab is mounted on the end of a foldable 5 metre aluminium tube, which keeps the operator at least 3 metres from a suspect device. An optional ballistic shield can be provided at extra cost.

The tubes are unfolded and locked in a horizontal position and the electrically-powered Telescopic Manipulator grab is attached to the end of the front tube. The grab can be rotated under electrical power to align with the suspect device and it can then be gently picked up and moved, either to be examined by IED experts or removed/destroyed.

The battery and an adjustable weight are fitted to the rear of the tube, while the electrical controls are located at the operator's hand position.

The Manipulator can be used to lift light loads using a shoulder strap, or heavier loads can be lifted and moved using the lightweight wheels and stand which can easily and quickly be mounted onto the manipulator.

An optional fit of a CCTV colour camera/light unit, with remote monitor, can also be supplied. The unit comes with a small 3kg lead-shot counter-weight, but heavier counterweights can be used if necessary.

SPECIFICATION

- Grab: Electrically-powered for grip and rotation. Machined aluminium arms and jaws opening to 200mm
- Tubes: 5 metres of 50mm diameter 6082 aluminium tube Keeps the operator, 3 metres from the grab

SPECIFICATION

- Battery : 12v sealed lead acid at rear extremity of tubes
- Capacity: Max Lift - 12 kgs (with wheels fitted), 5 Kg (without wheels)