

WG Power Folding Manipulator

Mine & Bomb Disposal Equipment

Product Code: 4020-05



WESTMINSTER
GROUP PLC

Key Features



5 Metre Electrically-Powered Grab



Jaws Open to 200 mm



5-12 kg Lifting Capacity



Optional CCTV Camera Unit Available



Includes 3 kg Lead-Shot Counter-Weight



Overview

The WG Powered Folding 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.

The tubes are unfolded and locked in a horizontal position and the electrically-powered folding 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.

The unit comes with a small 3kg lead-shot counter-weight, but heavier counterweights can be used if necessary.

Specification

Grab: Machined Aluminium Arms & Jaws; Electrically-Powered For Grip & Rotation

5 Metres of 50mm Diameter 6082 Aluminium Tube

12 V Sealed Lead Acid Battery at Rear Extremity of Tubes

Max Lift Capacity of 12 kg (With Wheels Fitted) or 5 kg (Without Wheels)