



Demining Toolkit

All the tools for the manual de-miner in one convenient, durable splash proof bag.

- Industrial 2 way zip that can be locked.
- Allows for easy transport and storage of tools.
- Easy retrieval and inspection of individual tools.
- Available in different colours.
- Also available in backpack



The contents of the toolkit are discussed in the following pages. We customise to client requirement.

The investigation tools are manufactured to ISO9001 and SABS standards, made from a very low magnetic signature, tough, non-brittle stainless steel, which prevents fragmentation during a detonation.

Manual Demining Tools



TERRAIN TOOL

- Excavate area from one side.
- Ideal for compacted gravel and soil e.g. gravel roads.

Weight: 460g
Length: 210mm
Width Blade: 160mm



MAGNET

- Very strong rare earth permanent magnet
- Comfortable handle with grip for easy operation

Magnet: 50 X 50 X 15mm
Type: Rare Earth
Weight: 580g
Length: 220mm
Width: 60mm



TROWEL

- Ideal for signal investigation and primary excavations
- The blade can be designed, within limits, to customers' choice to ensure own personal comfort.
- Protective hand guard

Weight: 351g
Length: 340mm
Width Hand Guard: 80mm diam
Width Blade: 80mm



NEEDLE PRODDER

- Protective hand guard
- Small Cross sectional area

Weight: 315g
Length: 400mm
Width Hand Guard: 80mm diam



TRIPWIRE FEELER

3mm galvanized wire. Make a distinct sound when touching a tripwire while pivoting on finger.



V PRODDER

- Protective hand guard
- Small Cross sectional area
- V-Blade can remove certain amount of ground and is stronger than the conventional rod prodders
- The V-shape makes the blade very rigid

Weight : 315g
Length: 400mm
Width Hand Guard: 80mm diam



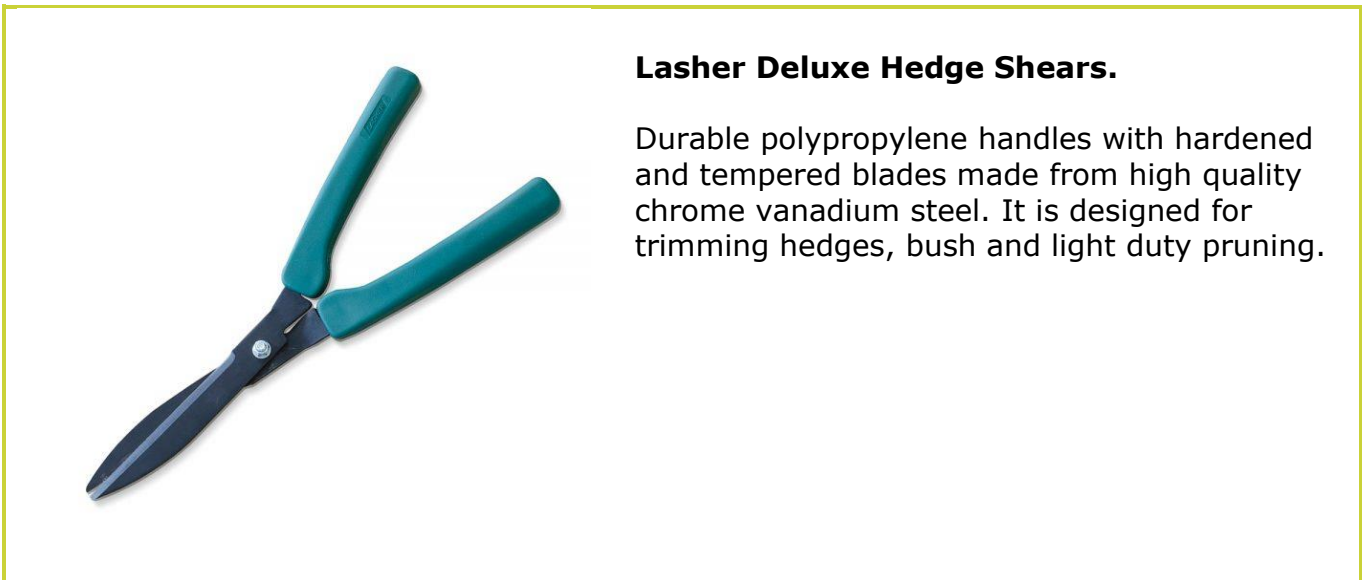
Lasher Secateurs.

Lasher durable professional secateurs are designed for pruning bushes, twigs and thin branches and roots, durable polypropylene handles, blades made from hardened & tempered chrome and vanadium steel.



Lasher Deluxe Lopping Shears.

Designed for pruning bushes, twigs and other branches to a maximum diameter of 25mm. Long handles with PVC grips. Hardened & tempered blades made from high quality chrome and vanadium steel.



Lasher Deluxe Hedge Shears.

Durable polypropylene handles with hardened and tempered blades made from high quality chrome vanadium steel. It is designed for trimming hedges, bush and light duty pruning.

BOW SAW



Lasher bow saw frames and blades are designed to withstand the most extreme cutting conditions. Consists of a heavy duty epoxy powder coated frame. The blade is a regular peg tooth blade – no 37/51. An extra spare blade is supplied.

CLUB HAMMER



The hammers are forged from top quality fine grain carbon steel. Working surfaces are hardened and tempered for durability and safety. Striking faces are ground and polished. Epoxy powder coated with anti-corrosive coating on polished surfaces. Sure grip poly handles ensure safe handling.

MISCELLANEOUS

The toolkit includes some extra items for the convenience of the deminer.



Kneepads



Measuring Tape



Brush



Gloves



File

Detonation - Tools

Detonation tests were done with 200gram TNT. The tools are manufactured from Stainless Steel with a very low magnetic signature. This material does not form fragmentation during detonations.



BEFORE: The tests were done with the tool in the prodding position with 250 grams TNT in sandy ground surface with small stones.



AFTER: The tool stays intact with no portion of fragmentation caused by the tool. No penetration found in the hand guard.



Needle Prodder after AP detonation in Sudan.



Trowel after PMN accident in Tajikistan