

# SPRAYERS

## MINI-TRAILER (MT 180) FROM COOPER PEGLER

**C**OOPER Pegler recently unveiled their new Mini-Trailer (MT 180) aimed very much at the amenity market. The basic unit features a 180 litre plastic moulded tank mounted on a solid box section chassis and a power unit comprising a two-stroke petrol engine which drives a twin-diaphragm pump.

Fluid control is provided by a compact control valve cluster on the front of the tank which provides on/off positions for pump flow, pressure regulation for spraying via a standard 0-7 bar pressure gauge and directional flow of fluid to left hand, right hand or both spray booms or hose reel as appropriate.

The add on options means that the new Mini-Trailer has versatility in the way that it is powered (petrol engine or electric motor), moved (compact tractor, ATV, cultivator, ride-on-mower, pick up, land rover or pedestrian) and used (spray booms with nozzles or high pressure hose with hand lance and trigger).

Twin booms each fitted with four flat fan nozzle tips and



non-drip diaphragm check valves (DCV's) provide a range of application rates with a total swathe width of 4m.

The booms are adjustable for height, can be positioned to spray horizontally or vertically and are fitted with a break back device.

By replacing the standard tow bar with handles the new Mini-Trailer can be used with a wheel barrow arrangement. The simple hitch plate attached to the tow bar can be replaced by a pedestrian wheel or alternatively a ball hitch to facilitate towing by land rover, jeep or pick up.

### LOGIC ON-BOARD

**T**HE Logic OBS125 Sprayer combines the versatility of an A.T.V. with a compact, professional spraying unit.

Lightweight materials have been used to maximise the carrying capacity of whatever vehicle is used, without sacrificing strength and performance.

The 'One Piece' 120 lt tank unit is secured in seconds on its unique cushion base by two large hand clamps.

The specially moulded tank incorporates a sump and baffle flanges to assist agitation and minimise surging.

A 12 volt electric diaphragm pump (powered from the A.T.V. or similar vehicles own

battery) delivers up to 9 lt per minute at up to 40 lbs psi (3 bar).

Rooms vary in width from 0.5 to 3.5 metres and feature break back clutches to prevent damage, easily adjusted height control, offset adjustment on booms up to 2m for hedgerows etc, stainless steel outer spraylines on booms over 2m with folding facility for transportation and snap fit anti-drip nozzles.

Comprehensive sprayer controls are positioned for easy operation and maintenance, including tank isolation valve and easily cleaned in-line filtration.

Optional equipment which quick attaches, includes a hand lance with 2m of supply hose and a 15m Hose Reel with quick release couplings to accept the hand lance.

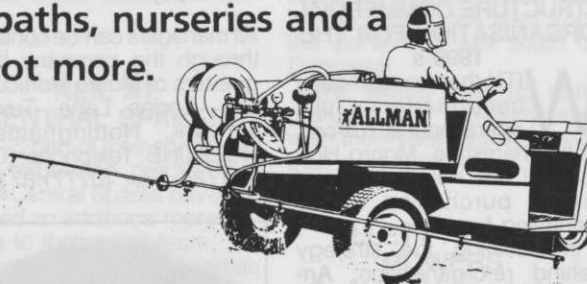
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### AMENITY SPRAYERS

**T**HERE'S a sector of the spraying market which falls firmly between the tractor mounted, more agriculturally based models and those which are manually

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· Tractor mounted · De-mountable (illustrated) · Knapsack · Pedestrian barrow sprayers · Mistblowers ·

**ALLMAN**

E. Allman and Company Ltd, Birdham Road, Chichester, West Sussex, PO20 7BT. Telephone (0243) 512511 Fax (0243) 511171

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## VERSATILE SPRAYING ON TURF WITH THE NEW MINI TRAILER



ANOTHER PRODUCT FROM  
**COOPER PEGLER**  
**Crop Spraying Technology**

Cooper, Pegler & Co. Ltd.,  
2 Victoria Gardens, Burgess Hill,  
West Sussex RH15 9LA

Telephone: Burgess Hill (0444) 242526  
Fax: 0444 235578 Telex: 87354 COOPEG G

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operated-knapsack and pedestrian operated portable units.

This sector is catered for by E. Allman and Co Ltd of Chichester.

With 70 years' experience in sprayers, Allmans are fully experienced in solving the problems of unusual applications. Three pedestrian operated units are available from the company, two "barrow" sprayers complete with plastic tanks, diaphragm pumps and 2.5 metres of hose feeding a hand lance, all powered by an integral 4 stroke petrol engine.

These 70 litre, 100 litre and 300 litre trolley mounted sprayers are suitable for towing by hand, or with a compact or garden tractor.

Turf care, is catered for by Allman's CR200 and CR400 skid units for mounting on golf carts or four wheeled trucks. These versatile sprayers, can be equipped with spray booms, hose reel and lance, high pressure washing gun and single nozzle and hand lance.

A British company, Allman are backed by distributors offering service and parts supply, Sales Director, Clive Barber, claims that they have seldom met a task for which a sprayer cannot be produced.

The recent Food and Environment Protection Act and the Code of Practice for pesticide use are just as applicable to amenity applications as to agriculture, where they have gained widespread publicity.

volume; so many sprayers are sold with just one pump size available.

The Hardi BL range of small sprayers are ideal for the golf course and sports ground. With a choice of 200 or 300 litre tanks and a three section folding boom, this sprayer is capable of treating small areas such as tees and greens all the way up to fairways and sports pitches. There is the D500 pump suitable for most spraying jobs, the RV10 pump is also available for those situations where a greater range of volumes is required. Hardi have a vast range of nozzle types and sizes capable of dealing with any application situation. The modern compact tractor with an enclosed cab poses a problem for the spray operator; he needs to keep the windows closed when spraying and yet have direct access to the controls of the sprayer when turning and adjusting the pressure gauge. The BL range are available with a simple but very effective modification to give the operator complete control from inside the safety of the cab.

The BL range have a number of other important features such as a deep filter basket, nozzle check valves and triplet fittings to hold three sizes of nozzle thus removing the need to take off one set and change for another when applying another product that requires a different application volume, all designed to save time and reduce operator exposure.

#### Hardi Knapsack Sprayers

Carrying liquid pesticide on your back can be a hazardous operation, the risk of leaks must be minimised and operator comfort and safety are very important.

The Hardi RY2 and K15 sprayers are designed to meet the exacting needs of the certificated spray operator.

Precise control over pressure, quick adjusting non absorbent straps, clips on the handle to hold the lance in place, a one way valve on the lid that allows air in but not liquid out are all features of these light and well designed machines. The bodies are made of strong but light plastic that allow the operator to see the level of liquid in machine.

**Aim at the right range**

**HARDI**

**SPRAYERS**

**Models to fit all Compact tractors**

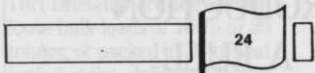
With capacities from as little as 200 litres HARDI Sprayers are a first choice for Compact tractor owners. HARDI assures you of efficient crop chemicals application. It is a company with over 30 years specialist experience in building crop sprayers and an acknowledged leader in the field.

## HARDI – THE SPRAYER COMPANY OF THE FUTURE



#### HARDI Ltd.

St. George's Way,  
Bermuda Industrial Estate,  
Nuneaton, Warwicks  
CV10 7QT  
Telephone: (0203) 372054



#### HARDI SPRAYERS

THE Food and Environment Protection Act has brought about a whole new approach to spraying technique. The operator is now required to produce a precise calibration for his machine to comply with the label and the Code of Practice; important factors such as spray quality and application volume are closely associated with pressure, nozzle design and flow rate. This requires a choice of sprayer that is versatile with a wide range of nozzle types and sizes. The choice of pump is critical as it decides the range of water volumes and limits the maximum

