



JAMES

Subsoilers



The James Heavy Duty Subsoiler is designed to lift and shatter pan layers in the subsoil at a depth of 50cm. This shattering permits the filtering of surface water down through the profile avoiding ponding and allowing moisture to be stored for use during dry periods.

Features

- Rugged high tensile blade.
- Replaceable ripper tine point. (Pinned on.)
- Delta type wings provide increased shatter.
- Large diameter skieth leaves clean surface cut.
- Skieth cuts surface trash avoiding blade build-up.
- Special subsoilers and pipe chutes manufactured on request.



TREE PLANTING

Use of the subsoiler for ground preparation prior to tree planting provides shattered subsoil which enhances the development of strong deep root structures and the establishment of more robust trees.

ALKATHENE LAYING

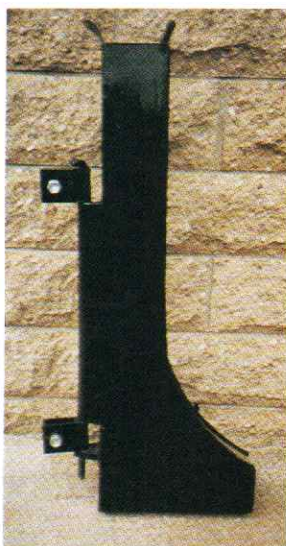
Two types of chute are available, both pivoted at the rear of the blade.

CHUTE A — A basic curved pipe chute to lay up to 25mm alkathene pipe.

CHUTE B — A sliding back chute to lay up to 40mm alkathene pipe. By removing the rear slide, the pipe can be removed from, or inserted into the chute, at any stage, without cutting the pipe and avoiding the need for joiners. All joining of pipes and fittings of tees is completed above ground level.



Chute A



Chute B

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Moleploughs

(From the home of **JAMES** soil aerators)



FIG. A

The James Heavy Duty Moleplough is designed to transfer ground water to field tiles or open drains in soils where there is good clay subsoil. The moleplough forms a 60mm channel in the clay at a depth of approximately 46cm providing drainage.



FIG. B

Features

- The long heavy duty beams provide excellent planing action on undulating ground surfaces.
- A 450mm skieth can be fitted to cut surface trash to avoid blade build-up.
- The high tensile blade is shearbolt protected.
- A swivelled headstock permits easy following of contours and reduces stress on tractor hydraulic arms.
- A hydraulic ram can also be fitted if required in a dairying situation where open drains are protected by a single wire electric fence. By retracting the ram the plough can be reversed under the wire to access the drain. (Fig. B)
- Extending the hydraulic ram returns the blade to working position when the plough is positioned over drain. (Fig. A)

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