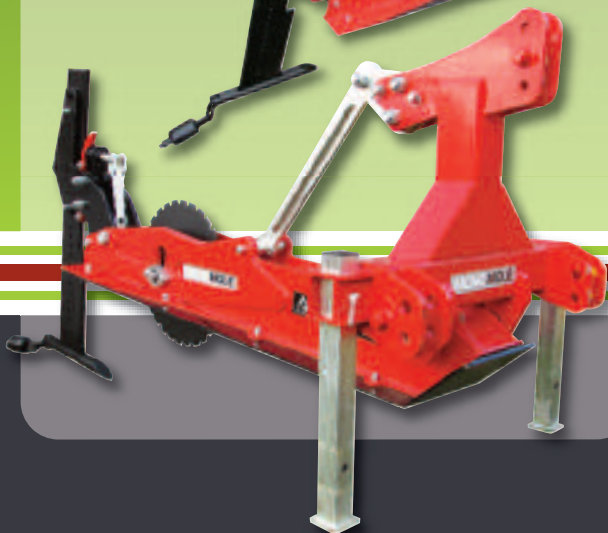


Discover the Proforge Moledrainer Collection



Through extensive design and testing from moledrainer experts, we are pleased to present the very latest range to the market.

Proforge Moledrainers have been developed to meet the growing need for professional moledraining machines for smallholders, farmers and contractors.

PROFORGE[®]

Why Moledrainers?

The benefits of mole draining

Mole drainage is widely used in England, New Zealand and Europe on heavy soils to improve productivity of pastures and crops. To further assist the drainage of your land, a mole drainage system can be installed to guide excess water into your open drains or into subsurface drains using the fall of the land.

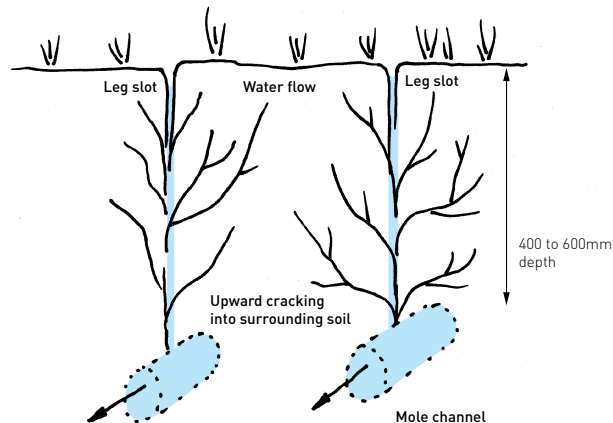


Figure 2 Cross section of mole plough effect in soil.

sandier soils will not hold the mole drains for any period of time. The mole drains are formed by pulling a mole leg with an attached bullet and expander through the soil. The mole leg breaks the soil while the expander forms a channel (Figure 2). The cracks in the soil form little waterways to the channel in the ground. Mole drains are installed between 2 and 2.5 meters apart. The mole drains can be installed either in combination with sub-surface drainage, or with open drains.

Mole drainage, on the right soil type and done properly will help reduce waterlogging problems and is one of the most cost effective ways of draining.

An ideal zero till/direct drill companion tool as there is minimum top disturbance, especially when using the unique Proforge Disc design. Also can be used through standing crops to assist in acute waterlogged areas.

In undulating country the sub-surface drains are often in the leads of the lower areas of the land. The mole drains are put in across the sub-surface drains cutting through the gravel. Water will drain down the mole drains and into the sub-surface drains.

Alternatively mole drains can be used in conjunction with open drains. The mole drains start in the open drain and follow the slope of the land.

How does it work?

Mole drains are unlined channels formed in the clay subsoil with a ripper leg with a cylindrical foot, with an expander which helps compact the channel wall. The floating beam mole plough is the preferred plough design as it evens out irregularities in the slope of the drain caused by local surface variations.

Suitability for mole drainage is dependent on having the right soil type. Clay soils are ideally suited, while

A good mole drain in the correct conditions can be the most cost effective way of draining.

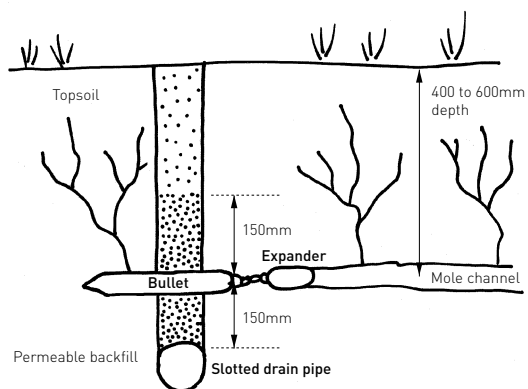


Figure 1 Mole drains over sub-surface drainage

Monomole Mounted

The Monomole single leg mounted version is a compact and versatile machine, making it an ideal choice for farmers. Manufactured in the UK to a high standard and designed to withstand the rigours of heavy arable land and grasslands. Many features have been carried forward into this latest design, such as the well proven Proforge notched disc, multifeature leg bracket assembly and the new universal body with replaceable wear skid. See the many features in detail below.



Monomole Mounted Features



1 Large 26" Diameter Notched Disc. A unique and amazing part of the moledrainer. Seriously reduces surface heave, and minimises top surface damage. Also benefits from adjustable depth control.



2 Exposed leg. Completely exposed leg for the best trash clearance. Allows the trash to flow round the leg/under the beam reducing undue lift and tilt to the main beam.



3 Pitch adjustable 60" leg. This assists penetration in some conditions and allows for compensation to be made to ensure even wear on the bullet and expander.



4 Depth adjustable 60" leg. Adjustment in 1" increments allows for precise depth control. Reversible for longevity.



5 Under-beam replaceable wear skid.



6 Floating top-link design. Floating arc with pins allows for consistent mole draining over undulating land.

Technical Information

HP req'd (Wheel)	130+ HP
HP req'd (Tracks).....	100+ HP
Leg Depth.....	0-660mm (0-26")
Disc Depth.....	120-230mm (5-9")
Length	2840mm (112")
Width	1230mm (48")



Monomole Trailed

The Monomole single leg trailed version is an excellent universal machine, making it a perfect choice for farmers and contractors. Manufactured in the UK to a high standard and designed to withstand the rigours of heavy arable land and grasslands. As a trailed version this allows the machine to follow the contours of uneven land and added stability with the benefit of transport support wheels. Further features have also been carried forward into this latest design, such as the well proven Proforge notched disc, multifeature leg bracket assembly and the new universal body with replaceable wear skid. See these features in detail below.



Monomole Trailed Features



- 1 Large 26" Diameter Notched Disc.**
A unique and amazing part of the moledrainer. Seriously reduces surface heave, and minimises top surface damage. Also benefits from adjustable depth control.



- 2 Exposed leg.**
Completely exposed leg for the best trash clearance. Allows the trash to flow round the leg/under the beam reducing undue lift and tilt to the main beam.



Unique Proforge 26" notched disc helps provide minimal top surface damage

- 3 Pitch adjustable 60" leg.**
This assists penetration in some conditions and allows for compensation to be made to ensure even wear on the bullet and expander.



- 4 Depth adjustable 60" leg.**
Adjustment in 1" increments allows for precise depth control. Reversible for longevity.



- 5 Under-beam replaceable wear skid.**



- 6 Adjustable height draw bar eye.**
Flexi-eye for greater flotation in work.



Technical Information

HP req'd (Wheel)	130+ HP
HP req'd (Tracks)	100+ HP
Leg Depth	0-660mm (0-26")
Disc Depth	120-230mm (5-9")
Length	4380mm (172")
Width	1950mm (77")

Multimole Trailed

The Multimole twin leg trailed version is the ultimate mole draining machine, for serious contractors and farmers, manufactured in the UK to a high standard and designed to withstand the rigours of heavy arable land and grasslands. All the features of the single trailed design have been developed in this model and more, such as the wide wheel base design of the wheels which increases stability and can be used as a wheel press for loose soils, auto depth stop for consistent return runs and a central leg bracket to turn the machine into a single trailed version. More details of this models features can be seen in detail below.



Multimole Features



1 Large 26" Diameter Notched Disc. A unique and amazing part of the mole drainer. Seriously reduces surface heave, and minimises top surface damage. Also benefits from adjustable depth control.



2 Exposed leg. Completely exposed leg for the best trash clearance. Allows the trash to flow round the leg/under the beam reducing undue lift and tilt to the main beam.



3 Pitch adjustable 60" leg. This assists penetration in some conditions and allows for compensation to be made to ensure even wear on the bullet and expander.



4 Depth adjustable 60" leg. Adjustment in 1" increments allows for precise depth control. Reversible for longevity.

Specifically designed to give maximum depth start when dropped over dyke banks



5 Under-beam replaceable wear skid.



6 Adjustable height draw bar eye. Flexi-eye for greater flotation in work.



7 Wide wheel base. The wide position of the wheels increases stability whilst being directly in front of the beams so that with a touch of weight transferred (there is an auto depth-stop fitted for same depth return) any loose soil created by the Tractor tyres/tracks is compacted again ahead of the beam skid.



8 Central leg bracket. The added feature of the central leg bracket enables the user to convert a twin leg into a single for smaller tractors.



Technical Information

HP req'd (Wheel)450+ HP
 HP req'd (Tracks)350+ HP
 Leg Depth0-660mm (0-26")
 Disc Depth120-230mm (5-9")

Wheel Spacing2250mm (89")
 Centre Leg Spacing1960mm (77")
 Length6420mm (253")
 Width2410mm (95")

Features

"A great investment"

A Lincolnshire farmer, England, UK

Reap the benefits with Proforge



1 Large 26" diameter notched disc



2 Exposed leg



3 Pitch adjustable 60" leg



4 Depth adjustable 60" leg



5 Under-beam replaceable wear skid



6 Floating top link

(Available on monomole mounted and multimole)



7 Adjustable height draw bar eye

(Available on trailed monomole and multimole)



8 Wide wheel base

(Available on multimole)



9 Central leg bracket

(Available on multimole)



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