

ARABLE ePANBUSTER

ERTHENGINEERING *Outstanding in your field*



THE ULTIMATE LOW DISTURBANCE SUBSOILER
A FLEXIBLE SUBSOILER PERFECT FOR IMPROVING
AERATION AND DRAINAGE.

- **HIGH FINISH** ● **LOW HORSEPOWER**

TAKE CARE OF YOUR BIGGEST ASSET – THE SOIL



WHY CHOOSE THE ERTH ENGINEERING **ARABLE** **PANBUSTER?**

- **GROW MORE CROPS**

A well aerated soil with good root structure can significantly increase crop yield potential. It stands to reason that you cannot get good plant growth above ground if there is not a good root structure below the ground.

- **EXTEND YOUR GROWING SEASON**

A well aerated soil warms up quicker in the Spring and cools down more slowly in the Autumn.

- **IMPROVE DRAINAGE**

Improved aeration will result in improved drainage. Increased pore space allows quicker perforation of moisture into the soil and aids speed of water movement. Water drains better in the wet and there is more moisture available when dry.





ARABLE SUBSOILING

A well aerated and drained soil with good structure will maximise root development. Good root development will assist plant production above ground. The use of a suitable subsoiler can increase production and profitability for any cropping regime.

The technology developed on our grass subsoiler provides the ultimate low disturbance leg assembly for those looking for minimal soil disruption at the surface whilst achieving good soil movement in lower profiles below the surface.

AUTORESET

The best auto-reset on the market with three safety functions; high lift, side swing and shear-bolt.

The only auto-reset on the market using solid legs (50mm) with high grade pull points.

Hydraulic system incorporating an accumulator with a secondary bladder accumulator for a fully enclosed auto-reset system.

Hydraulic reset allows break-back pressure to be varied to suit conditions.

Reset trips up and back to minimise stress and prevent stones rising to the surface.



STANDARD FEATURES

Large pins and bushes on load bearing areas used throughout the machine to target potential wear.

Hydraulically adjustable rear roller c/w indicator gives positive depth control, improved traction and levels the surface, enabling targeting of problem areas from the cab.

SIZES

- 3-leg Eco (depth wheels)
- 5-leg V-form and straight frame
- 10-leg folding
- 3-leg
- 8-leg folding



LEG TYPES

Conventional arable with 3-piece wing, shin and point. This combination is superior than 1-piece units as it allows the parts to be worn out more efficiently. Points and shins are held on by a single roll pin and the wing by a single bolt. Legs are hard faced to prevent soil flow producing taper wear at the rear.

Hook and pin grass leg. The shin is hooked in at the top and the point holds the whole assembly by one roll pin. The shin is reversible and slightly wider than the leg to minimise leg wear. This is the ultimate low disturbance, low horsepower leg assembly.



OPTIONS

Choice of packers - toothed packer, rubber roller packer or wedge packer.

Choice of drill fitting kits for small seed units.

Lighting kit.

Special build variations available for oilseed rape.

CONVENTIONAL ARABLE LOW DISTURBANCE ARABLE

	3 Leg Straight Frame	5 Leg V Frame	3 Leg Compact/Eco	4 Leg X	5 Leg X	3/4 Leg Shearbolt	3/4/5 Leg Shearbolt
No Legs	3	5	3	4	5	3/4	3/4/5
Leg Spacing	900mm	600mm	900mm	600mm	600mm	900/600mm	1200/800/600mm
Working Width	2.7m	2.4m	2.7m	2.4m	3.0m	2.4m	3.0m
Transport Width	2.35m	2.6m	2.35m	2.6m	3.0m	2.4m	2.95m
Weight	960/1050kg	1250kg	960/1050kg	1250kg	1500kg	960kg	1120kg
HP Required	80hp	100hp	80hp	100hp	130hp	100hp	130hp

OPTION: 5 Leg V Frame can be fitted with low disturbance legs.

Erth Engineering offers a range of farm machinery which is designed and built at its base in Co Down, Northern Ireland.

The company prides itself on building simple, functional, robust machines that can out perform all comers in the field.

Specialist design and manufacture of Panbuster Subsoiler and Agriseeder Seed Drill along with a range of other non-powered cultivation equipment.

Erth Engineering is market-leader in the UK and Ireland for auto-reset grass subsoilers and grass disk drills - now supplying worldwide.



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