

Accu-Disc double disc seeding toolbar

The HE-VA Accu-Disc is a double disc coulters with press wheel. This is the next step in Till-Seeding enabling seed placement to be controlled precisely and consistently to your required depth.

The Accu-Disc coulters are placed in line with the subsoiler legs. Once the leg has passed through and created some tilth on the surface and the roller has re-consolidated the soil the Accu-Disc coulters opens the soil and places the seed at a constant depth. The press wheel then closes the slot and consolidates ensuring soil to seed contact for even germination.



FEATURES



DOUBLE DISC

The large double discs ensure the coulters can cope well with heavy trash and large clods and flexible rubber scrapers keep the coulters clean.



PARALLELOGRAM

The parallelogram mounting of the coulters maintains constant pressure at an even depth on very uneven seedbeds.



PRESS WHEELS

Rear rubber press wheels improve consolidation and seed to soil contact for excellent germination.



DEPTH ADJUSTMENT

Overall depth is controlled by a turn-buckle with a built in depth gauge.



COULTER PRESSURE

Coulters pressure is provided by a manual push and pull adjuster, allowing each coulters to be set to suit the conditions.

ACCU-DISC SPECIFICATIONS

Model	No. of Rows	Working Width	Description	Single Disc Weight Kg	Twin Disc Weight Kg
3m	5	3m	Rigid	260	378
3.5m	7	3.5m	Rigid	327	493
4m	7	4m	Folding	349	559
5m	9	5m	Folding	487	700
5m	9	5m	Trailed	487	700
6m	11	6m	Trailed	581	841

Specify a Subsoiler to suit the requirements on your farm

Once you have decided on which model suits your requirements there are a number of optional extras that can be added to help you get the most out of your subsoiler. If you have a lot of road transport then hydraulic or even air brakes can be fitted to trailed machines. Furthermore as with other machines in the HE-VA range there are also accessories to allow seeding at the same time as cultivating.

OPTIONAL EXTRAS



HYDRAULIC & AIR BRAKES

Hydraulic or air brake upgrades are available for all trailed machines as a factory fit option.



LIGHT KITS

Light kits are available for all machines to allow safe road transport.



VARIOCAST MOUNTING KIT

Optional Subsoiler mounting kits suitable for the OPICO VarioCast to allow seeding of OSR and cover crops.



LOW DISTURBANCE

Interchangeable low disturbance legs and points to reduce soil movement whilst still improving drainage.



TUNGSTEN

Tungsten tiles can be inset into the legs just above the point to reduce wear and prolong life.



LADDER & PLATFORM

Ladders and platforms are available to allow easy access to seeding units mounted to the machine.

SUBSOILER SPECIFICATIONS

Model	Working Width	Transport Width	Type	No. of Legs	Shearbolt Kg	Hyd Reset Kg	Roller Type
2.5m	2.5m	2.5m	Mounted	3	985	1060	Cage
3m	3m	3m	Mounted	3	1060	1170	Cage
3m	3m	3m	Mounted	3	1680	1785	600mm V-Profile
3m	3m	3m	Mounted	5	1850	2025	600mm V-Profile
3.5m	3.5m	3.5m	Mounted	5	2030	2210	600mm V-Profile
3.5m	3.5m	3.5m	Mounted	7	2200	2440	600mm V-Profile
4m	4m	4m	Mounted	7	2380	2620	600mm V-Profile
4m	4m	2.45m	Mounted	7	2730	2970	600mm V-Profile
4m	5m	2.45m	Mounted	9	3260	3690	600mm V-Profile
5m	5m	2.45m	Trailed	9	5900	6060	700mm V-Profile
6m	6m	2.45m	Trailed	11	6500	6700	700mm V-Profile
7m	7m	2.45m	Trailed	13	7150	7380	700mm V-Profile



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Due to our company policy of continual improvement we reserve the right to change specifications and/or prices without prior notification.



HE-VA Subsoilers

Open up the soil structure and improve drainage



2.5m to 7m Subsoilers

Remove compaction, aerate and create drainage

The HE-VA Subsoiler has 9 frame options; 2.5m, 3m, 3.5m and 4m Rigid, 4m and 5m mounted hydraulic folding and 5m, 6m and 7m trailed hydraulic folding models. These are available with a number of different leg options to create the correct specification for any individual farm.

Based on a traditional V formation design HE-VA Subsoilers are built for strength and longevity. Each model incorporates hydraulic depth adjustment as well as a host of other features that makes them an operators favourite.

LOW DRAFT LEG DESIGN

Low draft and minimal down time

The V formation design of legs and angles employed in HE-VA's subsoiler points all contribute to minimise draft and maximise effectiveness.



The standard point has a 200mm wide wing. Narrower 80mm, 120mm wide wings and wider 350mm wings are available for different applications.

Bolt on points that use a single bolt are quickly replaced keeping down time to a minimum.

SHEARBOLT

'Hammer-thru' quick-change

The 'Hammer-thru' shearbolt protects the machine in tough conditions and means minimum down time for the operator. When the legs brake back the operator simply removes the holding pin and hammers another segment of the shearbolt through then returns the holding pin to its original position. This removes the need to carry a supply of shearbolts while using the machine.



HYDRAULIC RESET

All models are available with hydraulic auto reset for extremely stony conditions. An individual hydraulic ram on each leg which is connected to a gas accumulator allows the leg to break back and reset if it comes into contact with an unmovable object. As the legs on a subsoiler are adjusted deeper the leverage on the hydraulic reset ram increases and so a pressure gauge is used to allow the operator to set the force required for the leg to break back.



VERSATILE CULTIVATION

Having manufactured Subsoilers, Discs and Combination Cultivators for over a decade HE-VA have brought all their knowledge and experience together in the latest models of subsoilers. Launched as a 3m mounted machine in 2004 the range now includes trailed and larger hydraulic folding machines for use with up to 600 horsepower tractors. The HE-VA Subsoiler is designed with the operator in mind with all machine adjustments done from the tractor seat.



FOLDING SUBSOILER



TRAILED SUBSOILER



Extra productivity and mobility

For use with higher horsepower tractors on larger farm enterprises, the hydraulic folding subsoilers from HE-VA are designed to tackle the toughest of challenges.

With 7, 9, 11 and 13 leg models available offering 4, 5, 6 and 7 metre working widths respectively, these machines combine outstanding performance and mobility to deliver substantial productivity benefits.

Each of the models split folds, mounted models folding down to a transport width of 2.43m and trailed machines down to 3m.

Mounted folding models have a 450hp rated frame.

Trailed subsoilers are rated to work with higher horsepower tractors up to 600hp, they come standard with a 700mm V-Profile rear press roller and offer the option of both Hammer-Thru shearbolt or automatic hydraulic reset leg protection.

Full lighting kits and low disturbance leg and points are available as an option on all mounted and trailed folding HE-VA Subsoilers.

REAR ROLLER OPTIONS

Like many of the machines in the HE-VA range the Subsoiler uses the proven pressed steel V-Profile Ring. However, all the rings are mounted on a 150mm solid axle so that each section of the roller turns as one ensuring the machine can continue to work in very wet sticky conditions. Each ring section is also castellated ensuring the roller turns in light soils and the aggressive rib and shoulder profile combines with the 145mm spacing to leave an excellent consolidated weatherproof finish.

Individually mounted sprung steel scrapers prevent soil build up between the ring and keep the machine running in the wet.

Alongside the standard V Profile Rings, there is the Crumbler Roller for use in lighter soil types to allow the surface to be loose and increase drainage to the lower soil profile.



"Single" V-Profile, Diameter 600/700mm



Cage Roller, Diameter 600mm

LOW DISTURBANCE LEG AND POINT

The 15mm low disturbance leg and tungsten tipped LD point are also the product of many years development. Whilst many customers are moving towards reduced tillage systems they appreciate that drainage is key to crop development, allowing timely field operations and preventing the relentless progress of grass weeds such as blackgrass. The low disturbance leg and point that HE-VA has developed allows deep soil loosening whilst minimising surface disturbance and preventing mixing of the soil profile.

The thinner legs are made from stronger Hardox 500 steel and can be interchanged with the standard subsoiler legs as necessary. However it is the point that really makes the difference. The LD point has a shallower wing angle and shorter tungsten tipped nose that opens the soil to create drainage without disturbing the whole soil profile.

