

Stealth

"Improve soil health by stealth"

NEW



Low Disturbance Subsoiler available in 6 working widths:

3m & 3.5m rigid linkage-mounted

4m, 5m & 6m hydraulic folding, linkage-mounted

6m & 7m hydraulic folding, trailed



HE-VA

Distributed by **OPICO**

3m - 7m Stealth Subsoilers

Improve soil health by Stealth

It is widely acknowledged that reducing the mixing of soil horizons will improve soil health. It is also well documented that reduced surface disturbance is essential in fighting grassweeds. Where a min till or no till regime is employed, either constantly or during the rotation, there is a growing demand for effective, low disturbance subsoiling to loosen and fracture the medium depth subsoil to relieve compaction thus assisting drainage, aeration, nitrogen uptake and encouraging crop rooting.

OPICO has taken this thinking and customer feedback on-board and has worked with HE-VA to design a totally new low disturbance subsoiler specifically for the UK market. HE-VA have over 15 years of expertise in producing subsoilers coupled with the past five years of manufacturing low disturbance subsoiling machines.

The HE-VA Stealth is a medium depth, low disturbance subsoiler. Its scalloped straight, front cutting discs cut through trash, vegetation and top soil, reduce soil burst and in turn grassweed germination.

Legs are staggered in 2 rows to allow residue flow through the machine to reduce the required tractor lift capacity whilst maintaining a lower HP requirement. Leg spacing is standard at 500mm but can be altered to 450mm, 500mm or 550cm, adding versatility for differing soil types and conditions.

The hardened cast steel points are tungsten tipped and 120mm wide creating the necessary lift and shatter whilst ensuring longevity. Similarly, the 15mm leg is thinner than a standard subsoiler leg but, being made from "Hardox 500" gives it strength and durability.

Surface compaction can be alleviated to a maximum working depth of 300mm (12"). HE-VA's standard hydraulic depth control is fully adjustable from the tractor seat.

The Stealth has been designed to satisfy the requirements of no till and reduced input farming systems. However, it is also suitable for use in all farming systems where repair to damaged soil structure is required e.g. on headlands, tramlines or other trafficked areas.

The Stealth features:

- 470mm scalloped disc openers - hydraulically operated
- Stealth legs - 15mm Hardox 500 legs
- Stealth points - 120mm wide wings cast steel tungsten points
- 2 rows of staggered legs - 350mm stagger (mounted)
- Variable width leg spacings - 500mm standard (mounted)
- Shearbolt or hydraulic auto reset legs
- 700mm of under frame clearance
- 600mm V profile roller (mounted)
- Hydraulic depth control from tractor seat

The Stealth is available as a 3m, 3.5m, 4m, 5m and 6m mounted or 5m, 6m and 7m trailed machine. Machines over 3.5m fold hydraulically.

A Stealth kit i.e. legs and points are available to retro fit to existing HE-VA machines e.g. the HE-VA Subsoiler range and for all HE-VA Combi-Discs.



See the working video at www.he-va.co.uk

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

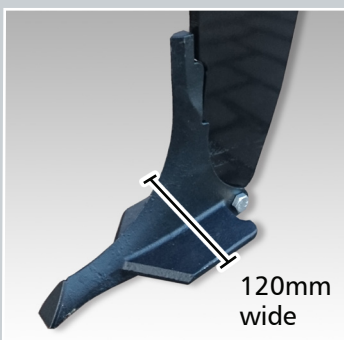


All models are available with hydraulic auto reset for extremely stony conditions. An individual hydraulic cylinder on each leg which is connected to a gas accumulator allows the leg to break back and reset if it comes into contact with an unmovable object.

As the legs on a Stealth subsoiler are adjusted deeper the leverage on the hydraulic reset cylinder increases and so a pressure gauge is used to allow the operator to set the force required for the leg to break back.



STEALTH 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. 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 mixing the whole soil profile.

STANDARD STEALTH SPECIFICATIONS

Model NO.	Description	Frame	NO. of legs	Protection system	Roller
1064480-20	3m mounted Stealth	Rigid	5	Shearbolt	600mm V-Profile
1064480-30	3.5m mounted Stealth	Rigid	6	Shearbolt	600mm V-Profile
1064480-41	4m mounted Stealth	Folding	8	Shearbolt	600mm V-Profile
1064480-51	5m mounted Stealth	Folding	10	Shearbolt	600mm V-Profile
1064480-61	6m mounted Stealth	Folding	12	Shearbolt	600mm V-Profile
1064500-09OP	6m trailed Stealth	Folding	11	Shearbolt	700mm V-Profile
1064500-14OP	7m trailed Stealth	Folding	13	Shearbolt	700mm V-Profile
1064480-25	3m mounted Stealth	Rigid	5	Hydraulic Reset	600mm V-Profile
1064480-35	3.5m mounted Stealth	Rigid	6	Hydraulic Reset	600mm V-Profile
1064480-46	4m mounted Stealth	Folding	8	Hydraulic Reset	600mm V-Profile
1064480-56	5m mounted Stealth	Folding	10	Hydraulic Reset	600mm V-Profile
1064480-66	6m mounted Stealth	Folding	12	Hydraulic Reset	600mm V-Profile
1064500-10OP	6m trailed Stealth	Folding	11	Hydraulic Reset	700mm V-Profile
1064500-15OP	7m trailed Stealth	Folding	13	Hydraulic Reset	700mm V-Profile

Specify a Stealth 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 Stealth 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, add a multi-seeder or an Accu-Disc 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

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



LADDER & PLATFORM

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

Cover crop or OSR establishment kits can be fitted to the Stealth. Seed can be distributed onto the tilth behind the legs, spread over the surface or placed using an Accu-Disc system.

- Cover crop outlets – broadcast or band sowing
- Accu-Disc double disc seeding coulter – for exact seed placement and consolidation
- Slug pellet placement – to apply pellets in the same pass
- Optional Nitro-Band or Nitro-Jet – band, granular or liquid, fertiliser placement to give the young plant a boost.



OPICO Ltd.
Cherry Holt Road, Bourne,
Lincolnshire PE10 9LA.
01778 421111
ask@opico.co.uk
www.opico.co.uk
@opicoag

YOUR LOCAL HE-VA DEALER