ENG

Extra Equipment

LED Lights

Warning Boards

Easy Draft Kit

Technical Specifications

2.50 - 3.50 m	2.50 - 3.50 m	60 -200 hp	500 - 2,100 kg	2 - 5 pcs.

Working width, m	Stone protection	Number of tines	Standard tine distance, cm	Max. distance btw. the outer tines	Pow. req., hp	Max. hp	Weight, kg
2.50	Quick-Push	2	180	195	60 - 100	250	500 - 1,375
2.50	Quick-Push	3	90	195	90 - 120	250	580 - 1,445
2.50	Hydraulic	2	180	195	60 - 100	250	540 - 1,405
2.50	Hydraulic	3	90	195	90 - 120	250	630 - 1,495
3.00	Quick-Push	2	200	245	60 - 100	250	520 - 1,550
3.00	Quick-Push	3	100	245	90 - 120	250	600 - 1,630
3.00	Quick-Push	4	75	245	110 - 160	250	680 - 1,710
3.00	Hydraulic	2	200	245	60 - 100	250	580 - 1,610
3.00	Hydraulic	3	100	245	90 - 120	250	690 - 1,720
3.00	Hydraulic	4	75	245	110 - 160	250	810 - 1,820
3.50	Quick-Push	5	70	295	130 - 200	250	780 - 1,980
3.50	Hydraulic	5	70	295	130 - 200	250	900 - 2,100

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HE-VA reserves the right to make design and construction changes without notice

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Sub-Tiller Eco

One Subsoiler for different tasks

HE-VA

Sub-Tiller Eco

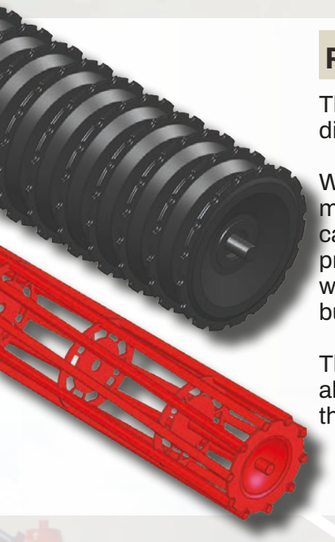
Sub-Tiller Eco is a low-cost subsoiler in the Sub-Tiller family and appeals to farmers, who need a subsoiler to loosen up tramlines and headlands. Sub-Tiller can be equipped with different types of tines and the tines are staggered on the solid frame construction.

Roller types

The Sub-Tiller Eco can be used without a roller, however it most often uses one of two different roller types.

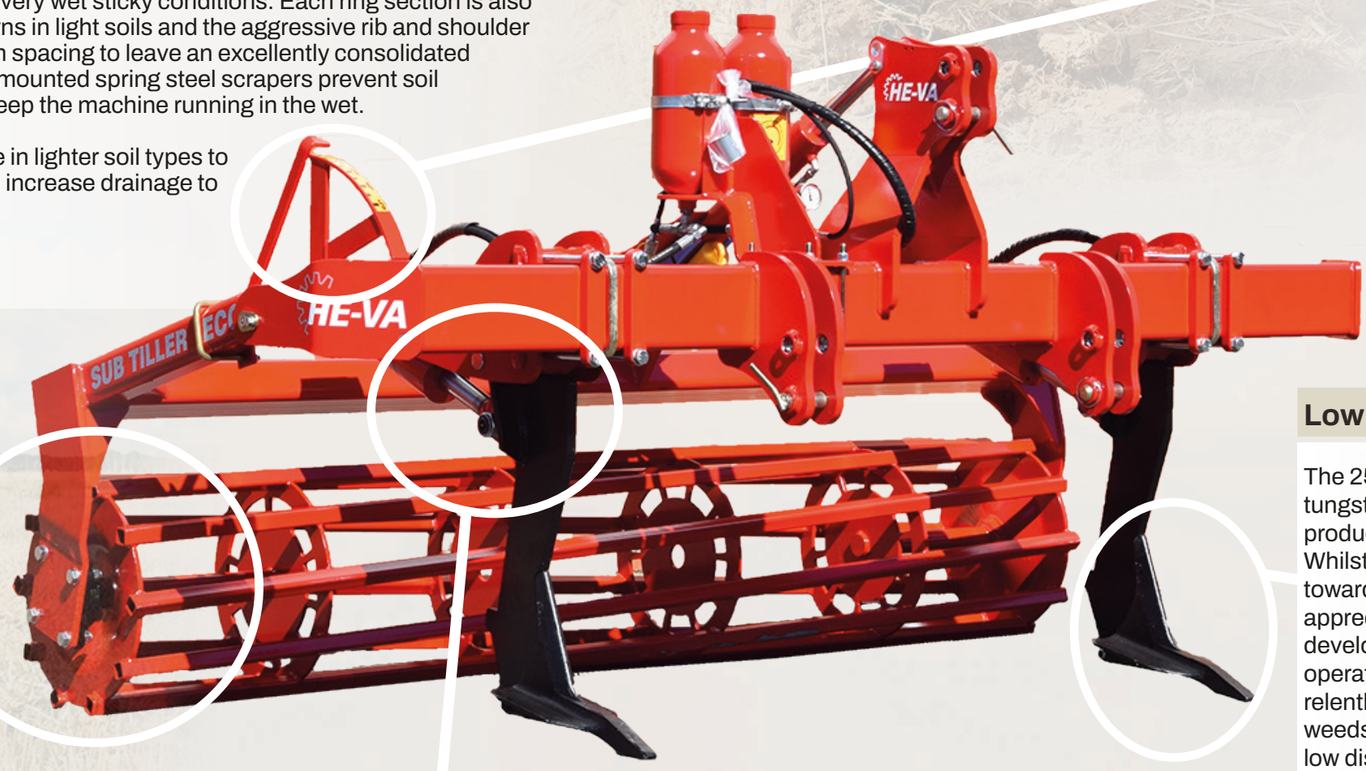
With the V-Profile Roller, each section of the roller turns as one ensuring that the machine can continue to work in very wet sticky conditions. Each ring section is also castellated ensuring the roller turns in light soils and the aggressive rib and shoulder profile combined with the 145mm spacing to leave an excellently consolidated weatherproof finish. Individually mounted spring steel scrapers prevent soil build up between the rings and keep the machine running in the wet.

The Square Tube Roller is for use in lighter soil types to allow the surface to be loose and increase drainage to the lower soil profile.



Depth Control

All Sub-Tiller Eco machines with rollers are available with hydraulic depth control, including a depth scale.



Low Disturbance

The 25 mm low disturbance tine 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 tine and point that HE-VA has developed allows deep soil loosening whilst minimising surface disturbance and preventing mixing of the soil profile.

Stone protection

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.

The unique Quick-Push stone protection consists of a shearbolt with 8 predetermined breaking points.
When the legs brake back, the operator simply removes the holding pin, hammers another segment of the shearbolt through, and then returns the holding pin to its original position.

This removes the need to carry a supply of shearbolts while using the machine and ensures a minimum loss of time.

Points

Whilst the 200 mm standard point is applicable for most tasks, a narrower 120mm version is available as well as a 350mm point.

A simple change of point size will allow the Sub-Tiller to fit different soil types and varying working depths.