

WINTEX 3000

The future is in the soil -
and in professional soil samples

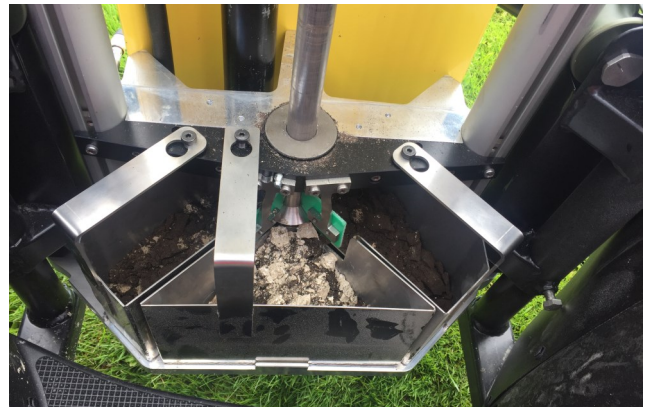


- * 0-90 cm
- * Samples from one, two or three layers
- * For all soils
- * Automatic
- * Hydraulic hammer
- * Optimum speed
- * Minimum maintenance
- * Robust, reliable

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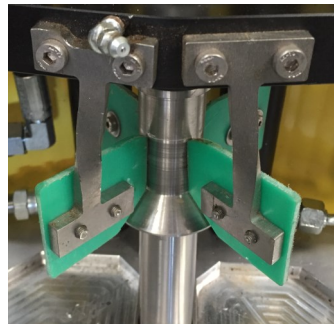
All actions can be carried out from the control system. Pre-settings like the depth, sticks and layers per sample as well as choosing the soil box can quickly and easily be entered into the the control system.



Soil from different layers is automatically filled into the soil boxes. Dividing the samples is conducted with close accuracy.



If the **WINTEX 3000** meets obstacles or is interrupted during the sampling proces and therefore takes an incomplete sample, the sample will be discarded through a funnel and will not be filled into the soil boxes.



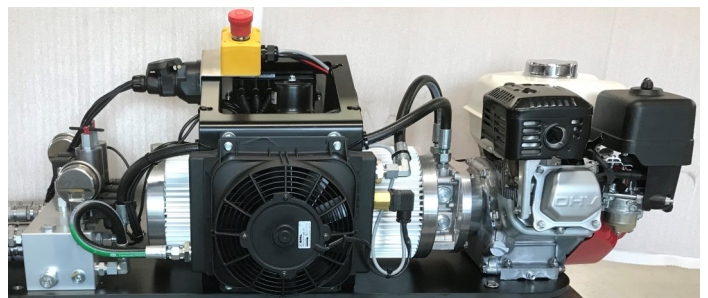
The scraper fits the inner diameter of the probe precisely, and the scraper blades ensure that the probe is emptied fully before going into the ground again.



All functions are conducted by the custom-made distribution block. The hydraulic system has a simple construction which makes maintenance easy and uncomplicated.



The custom-made oil tank is made of aluminum. It has a ribbed surface which means that the area of the oil tank is three times larger than a plain surface. Because of the aluminum and the ribbed surface the cooling capacity is 12 times higher than the cooling capacity of a traditional oil tank, ensuring optimal cooling of the hydraulic oil.



"Our focus is consistently on user-friendliness, reliability, ruggedness and minimum maintenance, and we concentrate on what we are best at: developing and manufacturing automatic soil samplers of the highest quality."

Torben Vinther, Owner Wintex Agro



The **WINTEX 3000** is an efficient and strong automatic soil sampler. It is user-friendly, easy to use and requires only minimum maintenance. All functions are comfortably carried out from the driver's seat.

The **WINTEX 3000** takes soil samples from 0-90 cm. It is possible to take samples from one, two or three soil layers at the same time. The depth and the point where the sample will be divided can be adjusted according to the user's needs.

The **WINTEX 3000** works in all kinds of soil including sandy, clayey, hard, compact and dry soils. The probe goes into the ground by means of a hydraulic hammer and pressure from two cylinders. The pressure can be adjusted according to the type of soil.

The custom-made probe rotates when it has reached the desired depth and picks up soil. On its way up homogeneous samples are delivered with close accuracy into the soil boxes. The probe holds the soil perfectly on its way up, and it is emptied fully after each operation. The soil can then be filled into bags or boxes, ready to be sent to the laboratory for analysis.



"The WINTEX is a perfect fit for my John Deere Gator. Its capacity for soil samples per hour allowed me to cut my sampling time in half. This system has enabled me to start site specific sampling while remaining cost-effective and improving my crop yields."

David Mullock, Mullock Farms, Canada



The **WINTEX 3000** can be mounted on a wide range of carrier vehicles, for example ATVs, UTVs, tractors, pick-ups, low tonnage vans and trailers.



Sample depth:	0-90 cm
Diameter probe:	26 mm - 1.5, 2.0 or 2.5 g
Sample speed:	1 stick in 22-28 sec.
Net weight:	112 kg
Volume / sample at a density 1:1	1.5, 2.0 or 2.5 g per cm - depending on the size of the probe

Hydraulics:	Honda GX200 engine, 5.5 hp
Hydraulic consumption:	16 l / min., 100 bar
Hydraulic tank:	7 l
Electrical supply:	12 volt DC
Battery capacity:	14 Ah, 250 W