

WINTEX 1000s

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



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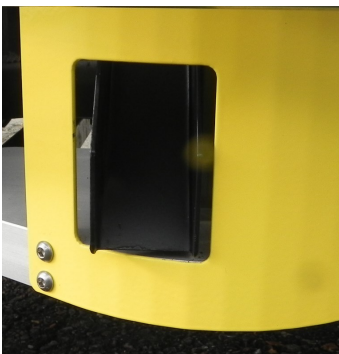
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All functions can be carried out from the control system. Pre-settings like the depth and the number of sticks for each sample can quickly and easily be entered into the the control system.



The collected soil is directly delivered into the soil box from which it can be filled in a box or a bag ready to be sent to the laboratory.



If the **WINTEX 1000s** 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 box.



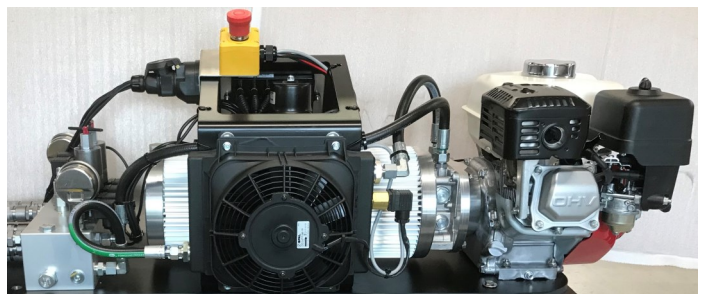
The scraper fits the inner diameter of the probe precisely, and the scraper blades ensure that the probe is emptied fully before going into the ground again.



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.



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The **WINTEX 1000s** 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 1000s** takes soil samples from 0-30 cm. The depth can be adjusted according to the user's needs.

The **WINTEX 1000s** 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 a cylinder. 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 box. 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.



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The WINTEX 1000s can be mounted on a wide range of carrier vehicles, for example ATVs, UTVs, tractors, pick-ups and trailers.



Sample depth:	0-30 cm	Hydraulics:	Honda GX200 engine, 5.5 hp
Diameter probe:	26 mm - 1.5, 2.0 or 2.5 g	Hydraulic consumption:	16 l / min., 100 bar
Samples / hour:	15	Hydraulic tank:	7 l
Sticks / hour:	225	Electrical supply:	12 volt DC
Volume / sample at a density 1:1	1.5, 2.0 or 2.5 g per cm - depending on the size of the probe	Battery capacity:	14 Ah, 250 W
		Net weight:	85 kg