



WINTEX MCL3

Soil samples for analysing
the nitrate content
of the soil

The most effective and most qualified soil sampler
for analysing the nitrate content in the soil

Wintex MCL3 -

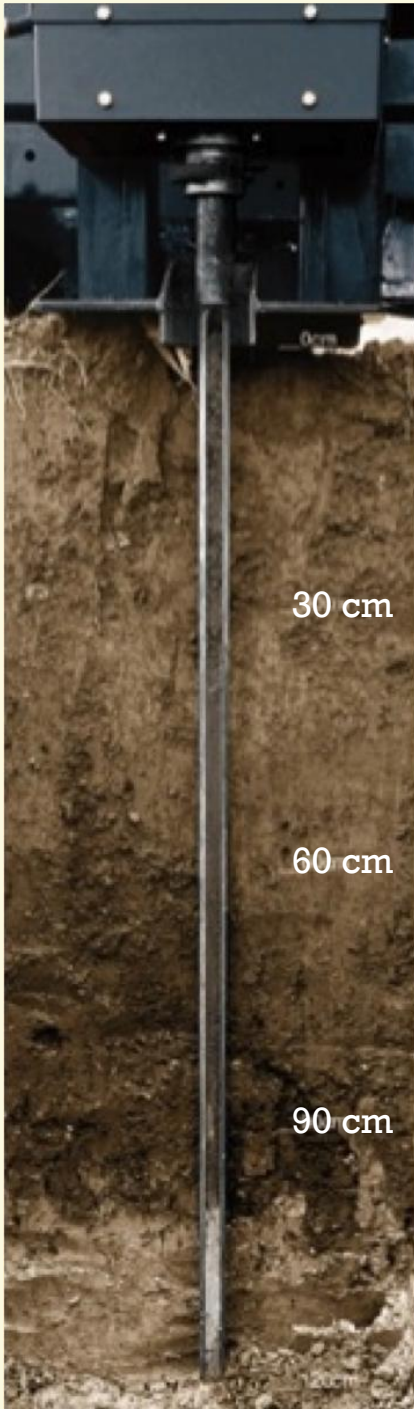
**For complying with the EU's
Nitrate Directive 91/676/EEC
and for improving fields and
environment**

Newly developed, rotating probe
in combination with high-
frequency hammer ensures
optimal soil samples

Used by Ministries of Agriculture,
national research institutes and
leading contractors in Europe

- ✓ Quick and user-friendly
- ✓ Robust construction
- ✓ Up to 60 representative
samples per hour
- ✓ Soil samples in the depth
of 120 cm and 200 cm
- ✓ Fast and easy soil sampling
in 0-30-60-90-120 cm depth

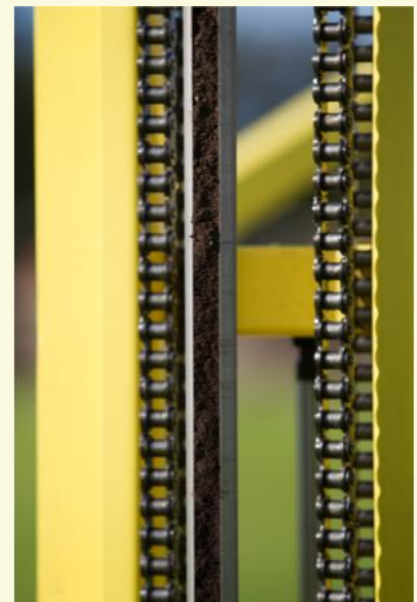
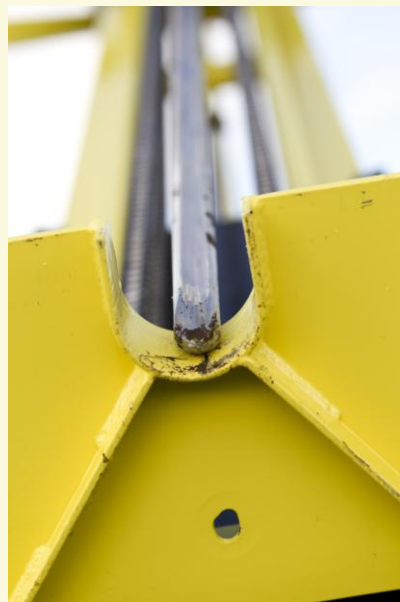
Wintex MCL3 – effective soil sampling



The **Wintex MCL3** has been selected by the Ministries of Agriculture, national research institutes and leading contractors of many European countries for the work involved in complying with the EU's Nitrate Directive 91/676/EEC.

The **Wintex MCL3** is the successor of the well-known Geonor MCL3. It is manufactured in close co-operation with Geonor in Norway, who developed the soil sampler together with Hydro Agri.

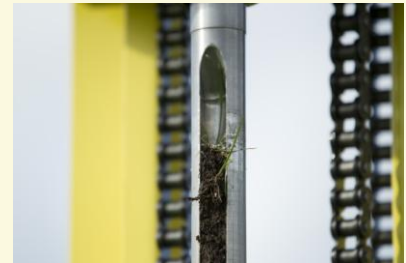
The **Wintex MCL3** is designed for quickly and easily taking representative, high-quality soil samples in different kinds of soil. The ability of operating in all kinds of ground as well as the quality of the actual samples has led to the **Wintex MCL3** being the leading soil sampler for samples in the depth of 1,20 m and 2 m.



The **Wintex MCL3** has a newly developed probe with a specially designed tip. The design of the probe ensures optimal, homogeneous and representative soil samples.

The **Wintex MCL3** is an extremely robust soil sampler, which takes soil samples in any kind of soil, also in very hard soil.





The **Wintex MCL3** is developed for intensive use in the work involved in measuring the remaining content of nitrate in the soil. Soil sampling is conducted from the control panel and is carried out by a hydraulic system. The control panel has four functions:

- Lifting the mast in working position
- Positioning the mast on the ground
- Getting the probe into the ground by using a high-frequency hammer
- Rotating the probe



A special valve automatically provides maximum speed according to the type of soil. Therefore it is not necessary to regulate the speed manually.

The high-frequency hammer together with the rotation system of the probe ensures that the soil sampler takes a whole and homogeneous sample.



Wintex MCL3 – professional construction



Technical specification

The **Wintex MCL3** takes soil samples in 1,20 m and in 2 m.

It has its own hydraulic system, and can be mounted on John Deere Gators, pick-ups, all terrain vehicles and caterpillar vehicles.

Diameter probe:	35 mm
Sticks/hour:	60
Volume/sample:	300-500 g
Hammer:	Lifton LH12, 2400 blows/min
Hydraulics:	Honda GX390 motor, 11 hp with electric starter
Hydraulic consumption:	20 l/min, 120 bar
Hydraulic tank:	30 litres
Net weight:	420 kg

