



uses the swissauto250 as a powerplant for their most powerfull SKyTEM3123 HP electromagnetic generator.



Complete SkyTEM312 HP electromagnetic generator

What is the purpose of it?

Well, it is a quick way to produce hydrogeological maps.

Explained: A helicopter lifts a carbon fiber frame. Between the helicopter and the frame hangs the SkyTEM312 EMG. Once airborne, the helicopter starts contact flying with a speed up to 150Km/h. During this proces the EMG starts transmitting.

Why the swissauto250?

Previously using industrial engines it was clear more power was needed to become more efficient. Where all industrial engines are heavy, the swissauto250 race engine could bring a solution. Already very light and powerfull, having a fuel injection with altitude correction was another big advantage.

In consultation with helvenco AG the first swissauto250 AERO spec. engine was produced for SkyTEM. In 2013 their most powerfull system ever became airborne.

Since that day many SkyTEM312 systems powered by a swissauto250 engine are working around the globe now. From Greenland (minus 40°C) up to Australia (plus 35°C). all with the same efficiency.

Specifications:

- **EFI 250cc 4-stroke engine**
- **Transmitter area 340m²**
- **Current 220V**
- **Transmitter QTY 12**
- **Repetition freq. 25Hz/12,5Hz**

