

# HITCHTRONIC

## A GLOBAL FIRST FROM ZETOR

### – the tractor adapts itself to terrain conditions!

In 2012, Zetor put on the market a unique technological innovation which makes the work of all farmers significantly easier and more efficient. The new HitchTronic automatic control function of the rear three-point hitch ensures that the tractor adapts itself automatically to terrain conditions, thereby making the tractor driver's work significantly simpler. It is ideal for both experienced tractor drivers and complete beginners.

Zetor developed the HitchTronic automatic control of the three-point hitch in cooperation with Bosch-Rexroth. HitchTronic software improves the comfort of Zetor tractor control and makes work substantially easier. The tractor driver need only set the required depth of soil cultivation and the HitchTronic automatic control itself adjusts all subsequent tractor settings throughout the task at hand.

"Automatic control guarantees the easy and intuitive operation of the tractor without complicated instructions. In addition it is effective, because good working results can be achieved using it irrespective of the driver's capabilities, soil quality or equipment type. Compared to a poor manual setting, it has been shown that use of HitchTronic saves fuel and also considerably increases labour productivity," says Martin Lipovský, deputy CEO and production manager of ZETOR TRACTORS a.s.

Even when the HitchTronic automatic control is switched on, all current functions of the electronic control over the tractor's lifting mechanism are retained. The tractor driver can change automatic control back to manual control at any time and set all work parameters in person. Starting HitchTronic is really easy. The tractor driver activates it by turning the potentiometer (power/position control) to the "red" region and using it to set

the working depth. Once set, soil resistance is measured and used as the initial value for the automatic control of the three-point hitch. When the setting or conditions change, the soil resistance is measured again and automatic control is governed by the actual situation.

As standard, HitchTronic software is installed in all models of the Forterra product series. From 2014, it is also installed, on request, in the Proxima Power and Proxima Plus models.

**Work efficiently – increase work efficiency and reduce total costs by up to 5%.**