

MPH Grader 5.3 and GPS Tracking System

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Our Customer Experiment of MPH Grader 5.3 and GPS Tracking System



Picture 1. Juha-Pekka Toukola (AgriToukola Ltd), MPH Grader 5.3 and GPS Tracking System.

Juha-Pekka Toukola (AgriToukola Ltd) is a poultry producer from Sahalahti (Kangasala). Juha-Pekka has currently about 230,000 broilers poultry farm and he has about 840 hectares of field including leased land to feed poultry. The nestlings will come to him soon after hatching and are 5 to 6 weeks old at the time of handover.

Wing meat breeding requires good nutrition and well-functioning fields. Juha-Pekka has modified fields by MPH Grader 5.3 with GPS Tracking System since 2014. According to him, the use of MPH Grader 5.3 with GPS Tracking System has increased the utilization of the entire field area so all possible field spots have been in a production.

Making leased land for reuse has required big modification job of the fields, especially on flat and overgrown sections. Juha-Pekka purchased Triple FMX for the use of other non-powered machines and bought MPH Grader 5.3 to continue using of GPS Tracking System.



Picture 2. GPS Triple FMX display in a tractor. Picture 3. Modem.

According to Juha-Pekka, determining the height curve from the fields was easy. You first go through the fields without leveling, set the contours, save the information to a memory stick and get a 3D plan at the agreed price of € / ha from GPS Tracking System supplier at the next day. You can actually run yourself a 2D plan from the program and you can save it to the memory stick.

Juha-Pekka has found that field leveling according to the plan is worth doing in several sections. A smaller amount of soil is worth transferring in the first year and continue in the following year. By this way he has avoided creating unproductive areas.

Juha-Pekka has found that MPH Grader 5.3 with GPS Tracking System has brought considerable benefits in modifying the fields. "After configuring elevation curves, we were able to design future levelings reliably. The leveling result was visible in the following year and we were able to design further levelings with the accuracy of cm ".



Picture 4. A field and areas to be leveled.

Juha-Pekka has used MPH Grader 5.3 for other leveling jobs without GPS Tracking System. He has leveled swirling ditch soil of cleaned ditches by MPH Grader 5.3 and refurbished sandy roads, when the pin blades were installed to the grader wings.



Picture 5. Hydraulic conversion parts for MPH Graders are available from GPS Tracking System supplier. Also training of introduction.

Juha-Pekka especially likes MPH Grader 5.3 for its general usability. "He has been able to do a lot of different types of jobs".

Metallipalvelu Hartikainen Ltd (MPH Products)