

# ONE STEP BEYOND

PRECISION  
■ MAKERS



# WE PUT THE MACHINES THEMSELVES TO WORK

Precision Makers is perhaps the first company in the world that fully specialises in the automation of the green sector. What is more, Precision Makers was established specifically for this purpose.

Precision Makers is part of the successful Dutch Power Company (DPC) and therefore has plenty of room for innovation and expansion. The companies in this group have laid the foundation for efficient water resource maintenance in the Netherlands. They are companies that occupy a leading position in Western Europe.

Precision Makers works closely with leading technology suppliers. They also produce their own GPS systems.

Precision Makers is the next logical step in the mechanisation of the green sector. It aims to automate all the work in order to reduce the labour requirements. We put the machines themselves to work.

Precision Makers delivers the following brands: Greenbot, X-pert and YieldMasterPRO.





# THE FUTURE IS GREEN

Over the next fifty years, man will have to use the available agricultural land even more effectively than is currently the case. Automation and robotics will need to achieve a breakthrough.

The introduction of Greenbot is a major step towards the future. It is the first self-propelled machine specifically developed for the green sector. This machine is ideally suited to frequently repeated operations in fields such as fruit cultivation, horticulture, agriculture and the communal sector.

A Greenbot is built with the very best materials and the latest technology. As far as electronics are concerned, it offers the best satellite navigation system based on the patented Teach & Playback and Dynamic technology to assure you of the best end result.

Using a Greenbot is a sustainable, responsible choice. First of all, you will experience less wear and tear and use less fuel. You will cut your labour costs, of course. The machine is not only versatile, it can also be used 24 hours a day. This will result in a short payback period. Furthermore, you will be able to use your people more efficiently. Your people are specialists, not drivers.





# GET STARTED IN 5 MINUTES

Ease of use was the starting point of the Teach & Playback technology's development. You operate the system by remote control with an English touch screen and 3D route display. You will be able to get started in five minutes.

In order to include an operation, you perform your work as usual. The machine will remember all the actions, such as driving, steering, accelerating and even lifting and lowering the mower or using the sprayer or another tool. You can then play back the recorded route as many times as you want.

The machine will repeat all the actions with precision unmanned. The system has enough memory for hundreds of operations. It can also be expanded to a version with dynamic path planning. This allows the system to determine where it needs to go. This can avoid covering the same place twice to prevent rutting, for example. Simply drive around the plot once and start the programme – it could not be easier.

The safety systems are standard, of course. The system checks itself and the machine will stop if there is an obstacle in front of it. The system will alert you by text message or with an online dashboard.







# WORKING WITH EXPERT PRECISION

Working smarter increases productivity. This applies to the entire green sector. The X-pert package allows you to make certain tractors suitable for independent, unmanned work. You will be able to do more work with fewer people.

It is the ideal solution for fruit cultivation, for example, which involves the frequent repetition of certain actions, such as spraying fruit trees. The X-pert package is also the perfect solution for golf course maintenance. It not only assures you of the best end result, but it also allows you to have the work done at night when there is nobody on the course. This will increase your playing hours and reduce your labour costs.

X-pert also uses the patented Teach & Playback and Dynamic technology. The system checks itself and the machine will stop if there is an obstacle in front of it. The operating system will alert you by text message.

X-pert is also equipped with RTK satellite navigation providing centimetre-level accuracy to assure you of the best end result.





# SMART TECHNOLOGY WORKING FOR YOU

YieldMasterPRO brings agriculture to the next level. This technology helps you to realise where you stand. Many farmers still assess their harvest results based on the average return of a plot of land. Of course, they know that there are variations in return within a single plot, but they are not able to say where the variations are, nor what the size of the variations are. With the YieldMasterPRO, it is possible to accurately determine the return of a field of potatoes, beets or onions.

YieldMasterPro provides useful information, which the farmer can use to make better decisions. This technology automatically, easily and precisely registers the yield levels for different plots of land. Crucial information for your growing strategy and your business. Information that ensures that the financial result of a plot is increased, which does not always automatically mean more crops. A better financial result can also be achieved by using spraying agents and fertilizers more efficiently. You increase your knowledge with every harvest. Knowledge that you can use to increase the return year after year.

YieldMasterPro can even be retrofitted to existing machinery and is suitable for almost every type of harvester. It is an investment that pays for itself.



Precision Makers - Industrieweg 18, 4283 GZ Giessen, The Netherlands  
T: +31 (0)183 447276 - F: +31 (0)183 447270 - E: [info@precisionmakers.com](mailto:info@precisionmakers.com) - [www.precisionmakers.com](http://www.precisionmakers.com)  
Together with Conver, Herder, Roberine and Votex, Precision Makers is part of Dutch Power Company.