

## Agricultural Device

### Overview

The client designs and manufactures a wide range of instrumentation for the mobile machinery industry, which monitor, measure or control. Areas of expertise include on-board weighing scales, rate control, drill, baler and wrapper controls.

### Requirement

As an existing customer, we had provided design guidance on previous projects. This knowledge enabled the client to provide their own design ideas and drawings from which, we were tasked with producing a cover plate moulding to match the existing housing.

### Solution

PNP developed a new tool and parts based on the clients drawings. The client sought extensive advice from us on the injection moulding process and material selection. 40% GBF (glass bead filled) nylon 6.6 was selected due to its dimensional stability, low warpage and rigidity.

### Outcome

Customer employed the following PNP Services:

- Injection Moulding Advice
- Tool Making
- Short Run Production: Volume estimate 1,000 units per year

