



powered by



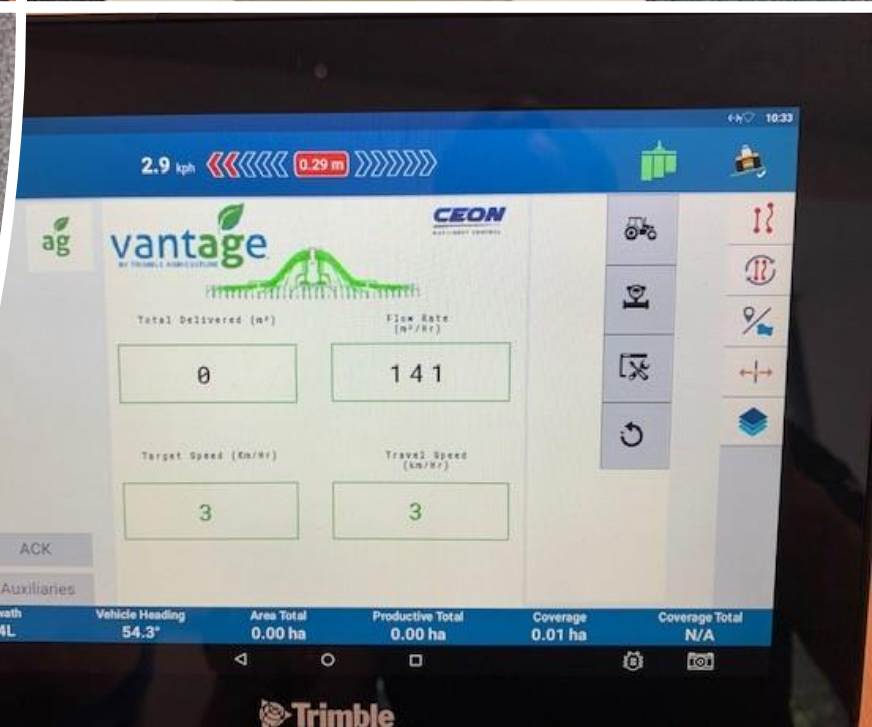
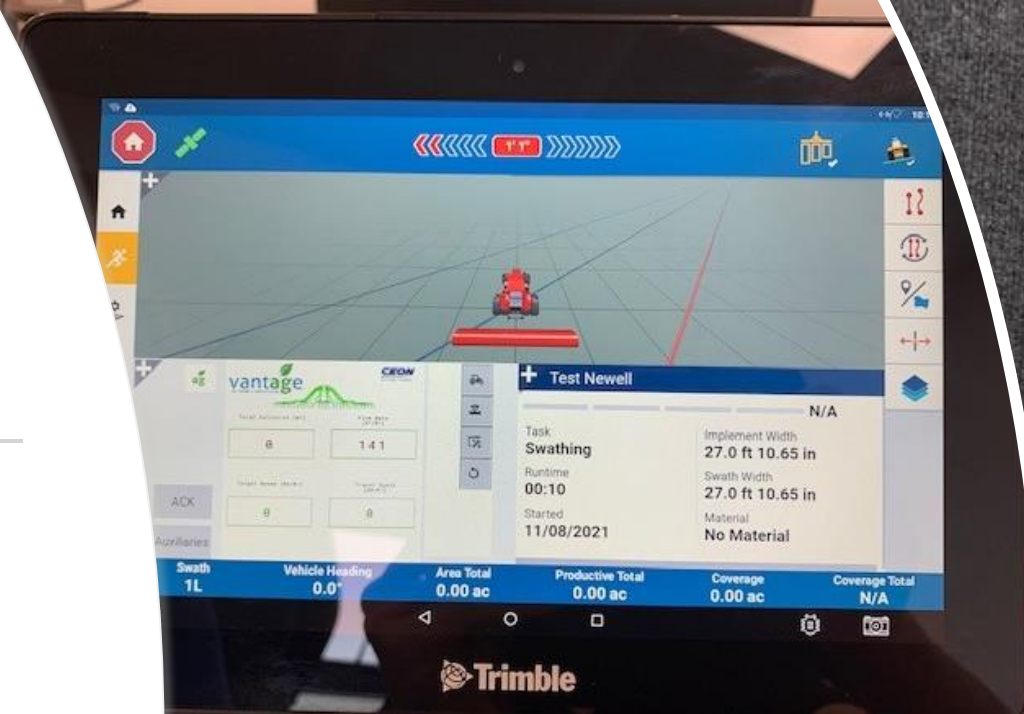
Flow meter options for
Slurry or water applications



ISOBus flow
meter

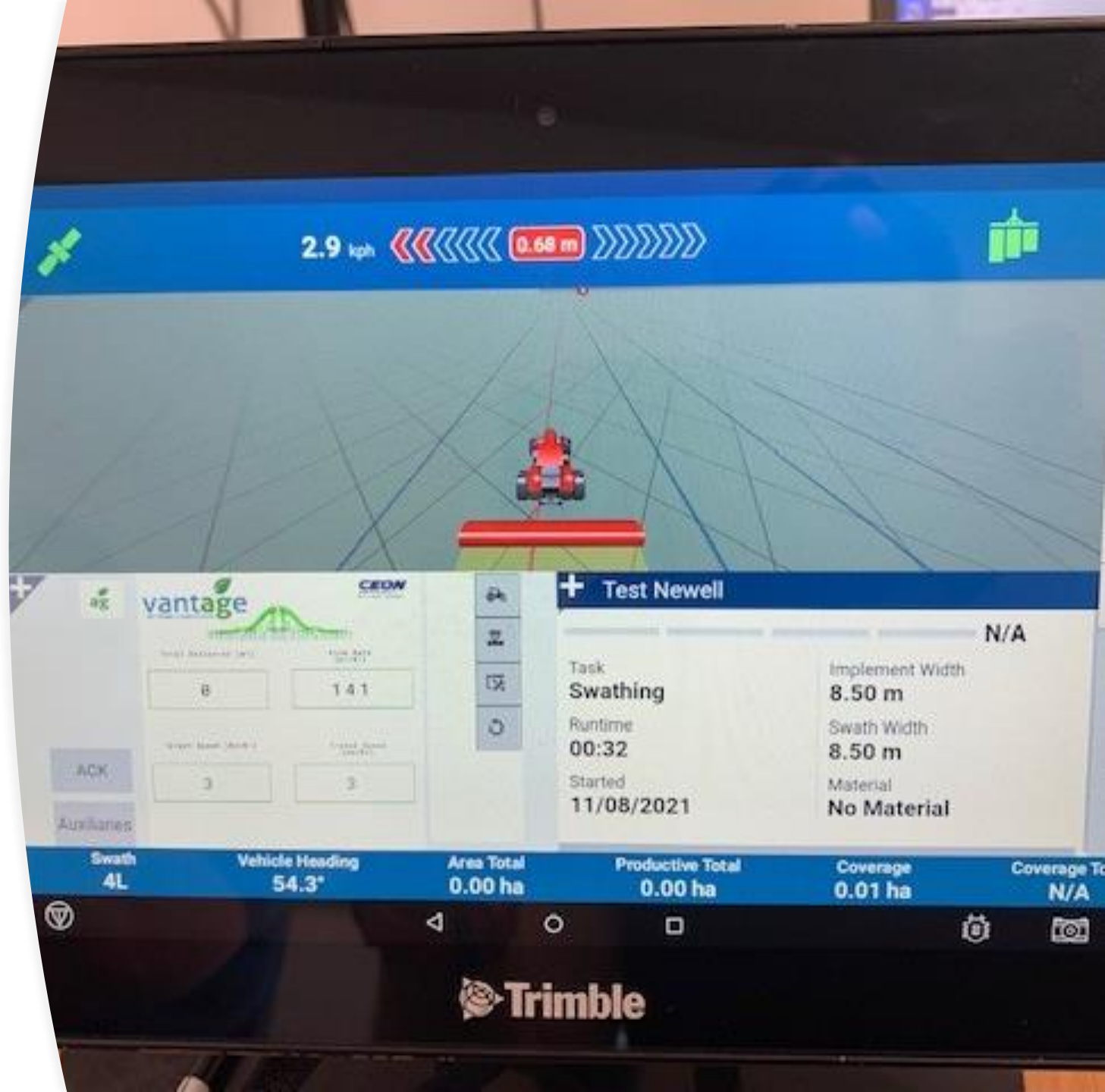
ISO Bus flow meter

- The ISO Bus flow meter will connect to any IsoBus screen and load the flow meter program.
- With in the program, you can set the measurement units, application width and target rate.
- The system then gives a target speed which the operator will need to drive at.
- It also shows an actual speed which is got from the tractor, if applicable



ISO Bus flow meter

- The ISO Bus flow meter can be used through the GFX screen and can be run as a split screen through the PIQ app
- This flow meter solution run with Task Control, would give traceability records to the user.
- Tractor needs to be ISO Bus ready with a screen already in the cab.

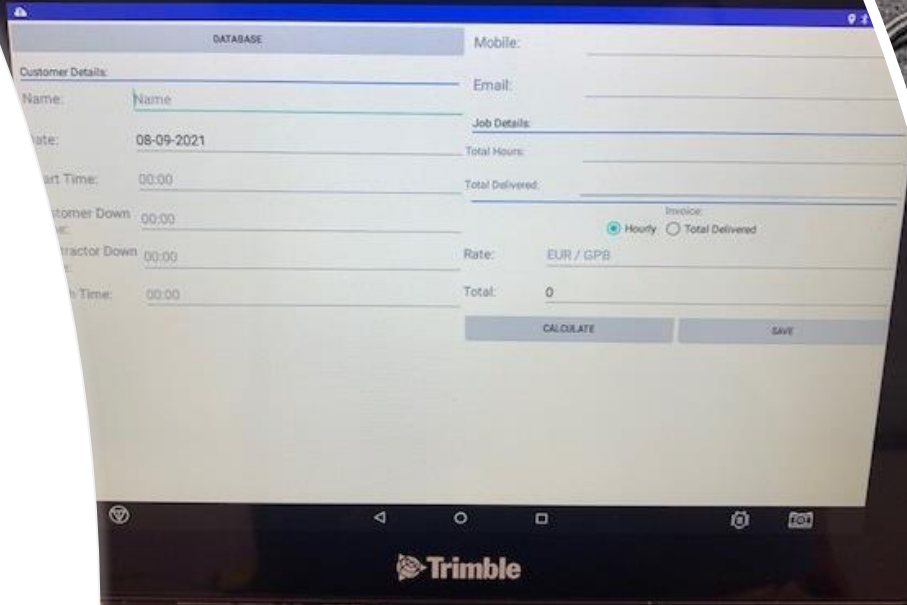




Bluetooth
flow meter

Bluetooth flow meter

- The Bluetooth flow meter will connect to any Bluetooth enabled display once the App has been installed into the display.
- It is supplied with a tablet which has a 7" or 10" screen option.
- In the App then you are able to record customer, and job data, to provide a record of the delivered amount.
- Only thing needed from the tractor side would be a power source.





Remote Head Flow meter

Remote head flow meter

- Stand alone flowmeter, which allows you to bring the read out away from the flow meter.
- Allows you to see the flow of the material but limited to no record keeping.
- No target rate input or requested target speed given.

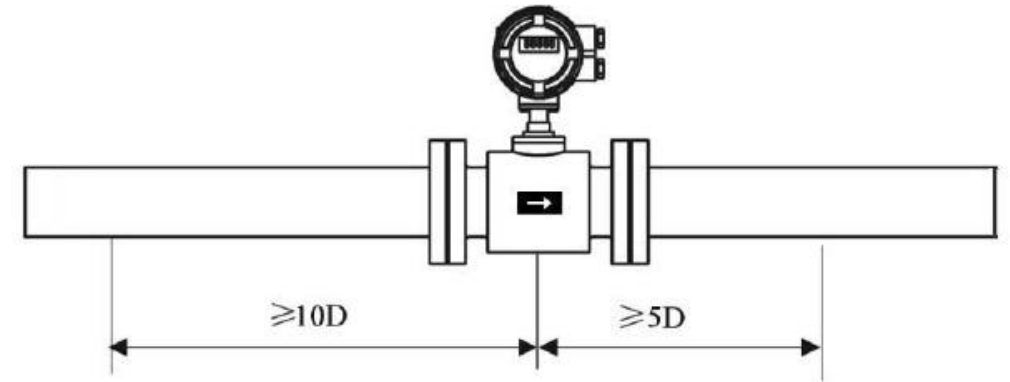


Flow meter Installation recommendations

- The measuring pipe must always be full.
- The flow direction must match the identification marking
- Install the devices without any mechanical tension (torsion, bending).
- Use a flange seal made from a material that is compatible with the medium and the medium temperature.
- Seals should not extend into the flow area, since any turbulence affects the device accuracy.
- The pipeline must not exert any inadmissible forces or torque on the device.
- Install remote mount transmitters at a location that is largely free of vibration.
- Do not expose the transmitter to direct sunlight; provide sun protection if necessary.

Inlet and outlet runs

- The following inlet and outlet runs must be observed in order to meet accuracy specifications:
 - Inlet run $\geq 10 \times DN$
 - Outlet run $\geq 5 \times DN$



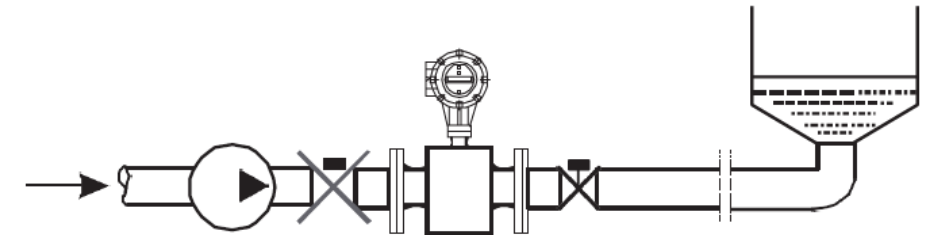
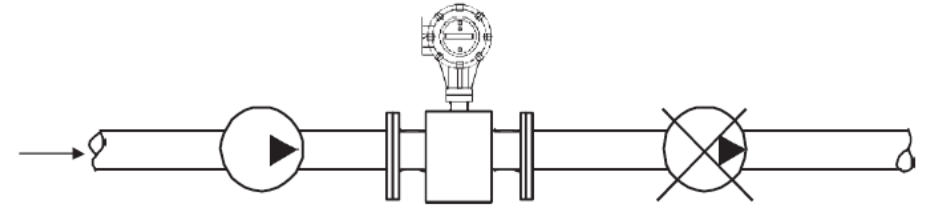
Flow meter Installation recommendations

Installation with pumps

- The sensor should only be installed behind the pump.
- Note!
- The sensor should never be installed in front of the pump in order to avoid the risk of low pressure, and thus damage to the measuring tube.

Installation with control valve

- The sensor should only be installed in front of a control valve
- Note!
- The sensor should never be installed behind the valve in order to avoid the risk of low pressure, and thus damage to the measuring tube.



Flow meter Installation recommendations

Note!

En-trained air bubble formation in the measuring tube can result in an increase in measuring errors. For this reason, the following mounting locations should be avoided:

- • Highest point of a pipeline. Risk of air accumulating!
- • Directly upstream from a free pipe outlet in a vertical pipeline. Risk of pipe not filling correctly!

