

TRAMSPREAD

DIGESTATE AND SLURRY MANAGEMENT

Tramspread Teletram 2020

GSM remote-control systems for engine-driven pump units


TELETRAM
2020



With GSM communication, operating distance is effectively unlimited. The system operates using the 3G, 4G or 5G communication network.

TELETRAM 2020



Tramspread pioneered labour-saving remote-control systems for engine-driven pump units, making it possible for an entire umbilical spreading system to be operated by just one person. These systems also have applications in other sectors such as irrigation.

Solo operation

These systems allow the pump to be controlled at the push of a button from the cab of the applicator tractor and, when coupled with inlet and outlet pressure sensors and flow meters, can also warn of potential issues such as drag hose leaks. When fitted with an optional 360-degree video camera, the slurry store and surrounding area can be monitored from the tractor seat. The platform can be accessed via any smart phone, tablet or computer with an internet connection, allowing monitoring by others from the office or whilst mobile.

Features include:

- Full remote control via built-in GSM 3G/4G/5G modem
- Unlimited communication range
- Android tablet in-cab display
- Engine start/stop, throttle and divert
- Inlet and outlet pressure sensors
- Flowmeter connection
- Recording of spread/mix hours and total slurry volume applied
- Divert valve control and status
- Target and actual engine speed
- Fuel-level sensing
- Engine protection with low oil pressure, low coolant level and high coolant temperature sensing
- Industrial-grade instrumentation and high-level security via an Android or Apple device

Options include:

- 360-degree video camera (using same SIM)
- Air compressor control (including pressure sensing)
- Remote sponge ball (pig) launcher
- Transfer mode (monitored unmanned slurry transfer)
- Nurse tank level sensor



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