

SHAFT SPEED Monitors



A versatile range of instruments to simultaneously monitor numerous shaft speeds and the work rate of a machine

The RDS **Shaft Speed** range of instruments is an easy to use and cost-effective method of monitoring up to six different shafts at the same time. It also offers internal audible alarms to alert the operator to drops in performance or malfunctions of the machine.

RDS TECHNOLOGY

P R E C I S E L Y

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Using a magnetic sensor on each shaft, the instrument is calibrated to display the shaft RPM on the selected channel. Each shaft speed channel has programmable speed alarms which trigger an internal audible and visual alarm. The Shaftspeed 6 offers a low-speed alarm threshold whilst the 600 and 660 offer programmable high or low-speed alarms and a secondary alarm output that can be used to physically inhibit operation or warn of alarm condition.

The 600 and 660 offer the further functions of forward speed and partial/total area measurement. Both units have an automatic cut-out switch to prevent area accumulation when turning on headlands etc.

The 660 includes an hour meter and a 'STOP' alarm for monitoring a particular machinery component. This feature automatically activates an alarm output in the event of a malfunction or operating parameter being exceeded, e.g. a connection to a relay to operate a solenoid/motor-actuated switch or valve which can inhibit machine function.

MONITOR FUNCTIONS: **SSM 6** **SSM 600** **SSM 660**

Monitors up to 6 separate shaft speeds:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monitors up to 4 separate shaft speeds:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Monitors up to 3 separate shaft speeds:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Programmable low shaft speed alarm:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Programmable high shaft speed alarm:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Forward speed:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Area worked (partial and total):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Optional Width Compensation Interface:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Optional Area Compensation Interface:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hour meter:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Secondary alarm output:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic cut-out switch:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TECHNICAL DETAILS:

- Voltage: 10 - 30 Vdc
- Temperature: -20 to +40°C operation
-30 to +70°C storage
- Display: 4-digit, illuminated LCD
- Protection: IP67
- Shaft speeds: 0 to 9999 RPM
- Warranty: 2 years

SYSTEM EXTENSIONS:

- RDS ACI** - an area compensation interface for accurate area monitoring when connected to a machine's switchbox.
- RDS WCI** - a width compensation interface for accurate area monitoring when using partial implement width.
- External audible alarm** - for use in noisy environments. Different models available.

DISTRIBUTORS:

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