



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.

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	SSM6	SSM600	SSM660
Monitors up to 6 separate shaft speeds:	✓		
Monitors up to 4 separate shaft speeds:		✓	
Monitors up to 3 separate shaft speeds:			✓
Programmable low shaft speed alarm:	✓	✓	✓
Programmable high shaft speed alarm:		✓	✓
Forward speed:		✓	✓
Area worked (partial and total):		✓	✓
Optional Width Compensation Interface:		✓	✓
Optional Area Compensation Interface:		✓	✓
Hour meter:			✓
Secondary alarm output:		✓	✓
Automatic cut-out switch:		✓	✓

TECHNICAL DETAILS	
Operating voltage:	10 - 30 Volts DC
Temperature range:	-20 to +40°C operating -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.

Errors and omissions excluded, technical details are subject to change, ref. SSM/EN

DISTRIBUTORS

RDS Technology Ltd, Cirencester Road,
Minchinhampton, Stroud, Glos GL6 9BH, UK
T: +44 (0)1453 733300 info@rdstec.com

www.rdstec.com