

# JACKAL

## MONITOR & CONTROLLER SERIES



*Low cost monitor & controller with fully automatic rate control*



**NEW  
v3**

- 6 Control Functions
- 6 Monitoring Functions
- Liquid & Dry Control
- Speed & Area Meter
- RPM/Count Meter
- Surveillance Meter
- Flow Meter

***NOW WITH RATE  
CONTROL***

 **FARMSCAN AG**  
[www.farmscanag.com](http://www.farmscanag.com)

## About the Jackal

The Jackal is a compact & robust multifunctional monitor & controller that adapts onto any machine. While performing simultaneous tasks, recording trips and alarm outputs the Jackal is a truly outstanding device that every farm should have.

Here are just a few of the many functions possible :

- Area Meter
- Speed Meter
- Tacho/RPM Meter
- Flow Meter
- Flow Rate Controller
- Batch Meter
- Batch controller
- Rate monitor
- Rate Controller
- Level monitor
- Counter
- Pressure sensor
- Depth meter
- Wheel slippage



Rear input view & suction mounting system

## Sprayers   Spreaders   Seeders   Tractors   ATV's

The Jackal is capable of monitoring & controlling multiple functions simultaneously. Providing simple speed, area & RPM to full rate control for dry & liquid applications a single Jackal can do it all.

There are a total of 12 ports available which are split between monitoring and control functions.

The unit employs a large daylight readable LCD to provide legible characters on the display and enable calibration data to be clear and descriptive.

There are multiple trip counters as well as an overall total allowing the operator to track numerous jobs in a period of work. The Jackal can be put 'on hold' by the operator or by a suitable signal from the machinery, so that periods of machine operation that should not accumulate as a work total can be excluded from trip totals.

Our onboard calibration wizard makes setup a breeze! It's simplified with the ability to enter either a factor (pulses per unit) or simply drive/run a set amount whilst the unit is counting the pulses and let the system calculate its own factor.

The Jackal is easily adapted to local languages and available to OEM configurations.

## Great Features Include

- Easy wizards for fast setup of Area & speed meter with GPS, Tacho Meter, Flowmeter, Slippage Meter & Generic Wizard for product control
- 2UP or 3UP line display - Your choice of up to 3 lines per screen (page)
- LIVE data as you scroll through each page
- Ability to short name each port. i.e. label Shaft 1 as SF1
- Set high & low alarm points for EACH input
- Enhanced Trip function for single & cumulative
- The ability for each input used to display information using imperial and metric units.
- Your choice of number of decimal places
- Arrange front page to your liking.... You select what you want to show on each line
- Auto calculate or manually set calibration factors
- External run/hold or alarm function (to external buzzer or visual alarm)
- Quickly enable/disable ports without losing settings for next time usage
- Radar function output
- Multi Language Support

## Inputs & Outputs

I/O List	# Available	Application (Typical)
<b>INPUTS</b>		
Coil Input	1	Speed, Tacho, Flow (Sine Wave - High Speed RPM)
Reed/Prox/Logic	5	Speed, Tacho, Flow (Square Wave)
Analogue	4	Bin/Tank level, Overflow, Pressure/Temp switch
		Pressure, Temperature, Depth, Level, Flow
Serial (RS232)	1	GPS Input
<b>OUTPUTS</b>		
High/Low/PWM	6	Flow Control Valve, Section Valve, Dump Valve, Batch Control, Run/Hold, Alarms
<b>ALARMS</b>		
	any input	High/Low set points available on all display items
<b>TRIPS</b>		
	any input	Available on accumulating display items

INCLUDES : monitor, suction mount, 2x input terminals, 12v power cable, screwdriver

OPTIONAL : 2 or 3 wire sensors are available for purchase or BRING YOUR OWN

