

# Mascon Controls

## The most forgiving and user friendly type loop control on the market . . .

### Antenna-Tracker™ Antenna Loop Control Systems

The O/F Antenna Tracker™ Loop Controller is a basic method of loop control using antennas. The O/F Antenna Tracker™ Loop Controller allows On/Off control by the simple touch of an antenna! Set point adjustments are as simple as raising or lowering the Off & On Antennas.

#### Standard Features:

- 30" High Antenna Stand with 24" long adjustable antennas.  
(Please specify when using Non-Metallic or Non-Conductive materials.)

The VS Antenna Tracker™ Loop Controller is the most forgiving and user friendly type loop control on the market today. When a loop of material is bouncing up and down because of long feed lengths or intermittent press cycles, it causes the equipment to cycle fast and slow leading to physical wear and tear to the equipment. The VS Antenna Tracker™ Loop Controller allows the material to bounce between the antennas (set points) providing a smooth and stable output. Increasing and decreasing line speeds or an increasing and decreasing roll diameter change will increase and decrease the output on demand by a simple touch of an antenna! Speed set point adjustments are as simple as raising or lowering the zero speed and advance speed antennas.



#### Standard Features:

- 48" High Heavy Duty Antenna Stand with 24" long adjustable stainless steel antennas & oil tight enclosure.  
(Please specify when using Non-Metallic or Non-Conductive materials.)

#### ANTENNA TRACKER™ LOOP CONTROLLERS

Model	Description	Input	Output
MCA-1000	Basic system to control an AC Motor Starter (On/Off)	115vac	On/Off 115 vac
MCA-1003	Basic analog system to control a D.C. or A.C. Drive	115vac	0-10vdc
MCA-1004	Includes 1hp D.C. Drive	115vac	0-90vdc
MCA-1005	Same as above w/regen Drive & Operator Push buttons	115vac	0-90vdc
MCA-PHOTO	Photo eyes are available in place of antennas	...	...
MCA-TS	Optional Emergency Top Stop Feature	...	Form C Relay Contact



### Sonic-Tracker™ Ultra Sonic Sensing & Control Systems

The VS Sonic-Tracker™ Sensing Controller is a versatile user friendly micro-processor based sensing system pre-programming for today's demanding requirements. The VS Sonic-Tracker™ Sensing Controller is a must when controlling equipment with loops or distances (up to 10ft) and non-contacting of material is required. Adjustments are as simple as setting a zero output set point and a full output set point. The output will vary proportionally between those settings.

#### Standard Features:

- An adjustable Analog Output
- Emergency Tight & No Loop relay contacts
- Oil Tight Enclosure
- Sensor with Dust Filter)

The AO Sonic-Tracker™ Sensing Controller is a versatile user friendly micro-processor based sensing system pre-programmed for today's demanding requirements. The AO Sonic-Tracker™ Sensing Controller is a must when controlling roll tension via an air operated brake. Constant tension is maintained by varying air pressure proportional to roll diameter. Adjustments are as simple as setting a zero output set point (center of core) and a full output set point (full roll). The output will vary proportionally between those settings.

#### SONIC-TRACKER™

Model	Description	Input	Output
MCS-1003	Basic analog system to control a D.C. or A.C. Drive	115vac	0-10vdc
MCS-1004	Includes 1 hp D.C. Drive	115vac	0-90vdc
MCS-1005	Same as above w/Regen Drive & Operator Push buttons	115vac	0-90vdc
MCS-1006	Air Output System less Ultra Sonic Sensor	0-10vdc	0-100psi
MCS-1007	Air Output System with Ultra Sonic Sensor	115vac	0-100psi
STD-1000	Adjustable Sensor & Controller Stand (Optional)	...	...

#### Standard Features:

- An adjustable Filtered Air Output
- Full Roll & Empty Roll independently adjustable relays
- Oil Tight Enclosure
- Sensor with Dust Filter
- Air Pressure Gauge

(Note: To control tension using an electric brake or clutch, see the VS models above.)