

metal forming

compression molding

die spotting

blanking

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die try-out

straightening

hobbing

assembly

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friction molding

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plastic molding

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sheet molding

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hot presses

superplastic forming

urethane forming

automation

# Ram Position Controller

## POSITION ACCURACY TO $\pm 0.001$

DOCUMENT 11037



The Savage RPC measures displays and controls ram stroke or platen position to 3 decimal place accuracy. The RPC is excellent for straightening, forming, diespotting, assembly or any application requiring precise ram position control. It is also used as a programmable limit switch, even on applications which do not require position control.



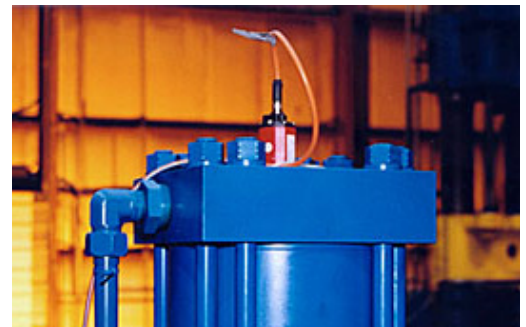
Ram Position Display



MTS Temposonics SSI Sensor



RPC Ram Position Control



Sensor Inside Hydraulic Cylinder

- Large 'at a glance' six digit red L.E.D. display indicates actual ram position.
- User friendly. Simple keypad entry provide setpoints for ram position limit settings (programmable limit switch).
- Stops the ram to  $\pm 0.001$ " positional accuracy.
- Eliminates limit switches .
- Repeatable to  $\pm 0.001$ "
- RS232/RS485 serial high-speed interface.
- Unit can be set to inches or millimeters.
- Setpoints are retained in memory

- Utilizes an MTS Temposonics SSI position sensor to measure piston travel within a hydraulic cylinder.
- Non-contact sensor means zero wear.
- Eliminates the need for expensive servo valving. This accuracy is attained with standard valving.
- The Savage RPC is excellent for straightening, forming, diespotting, assembly or any application requiring precise ram position control.

[www.savagepress.com](http://www.savagepress.com)



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