IMPROVES THE QUALITY
As presence of seam is detected automatically, cutters and blades are protected and the same are kept in perfect condition which results into maximum efficiency of machine and thus improves the quality of the fabric.

REDUCES
Loss of textiles to minimum, thanks to precise detection of the seam scanner, as it is possible to maintain quality textile form up to less than 3° on both the sides of the seam.

NO LONGER DAMAGE
To valuable shearing and cropping cutter or calendering cylinder caused by seam. The SEAM DETECTOR prevents damage to calender - rollers and shearer cutter, for which guarantee cannot be given by any attendant / operator.

RELIABILITY
SEAM DETECTOR with controlling unit is with solid state integrated circuitry with silicon transistor on printed circuit board which ensures reliability, longer life and satisfactory working.

SEAM DETECTOR detects the presence of seam which operates the cutter operating device and thus, avoids the damage to the cutter, and at the same time eliminates the constant presence of operator and minimises area surrounding the seam passing unshared.

This device can be synchronised with any machine having sequence controller to operate no. of cutters one by one.

SEAM DETECTOR
Model SD / 702 is with proportional sequence controller, which operates the cutters or cutter operating device in such a way that minimum fabric besides the seam passes unshерed.

SEAM DETECTOR COMPRISSES OF
Sensing device with switching amplifier and other circuitry on printed circuit board. The control relay having 3 sets of changeover contacts for operating cutter lifting or stopping device of shearing / cropping machine or pressure releasing device of calendering machine.

The control unit is also available with proportional sequence controller to operate no. of cutters in such a way that minimum area surrounding the seam is passed unshered irrespective of speed of the machine.

MODELS
The following models are available
MODEL SD-701
This model is for signalling the seam only with auto re-set arrangement. This unit is suitable where lifting, stopping device of bowls of calender machine or cutters of shearing machine is incorporated.

MODEL SD-702
In addition to Model SD-701, this unit is with programmer. Auto re-set timers are incorporated with built in-techo-dynamo for automatic adjustment of the time, in case of speed variation. The setting of the time interval is automatically adjusted and maintained proportional to the speed of the machine. This model is suitable for any shearing & cropping machine with any no. of cutters.

The above system is also available with:
- Digital speed indicator to indicate the speed of the machine.
- Meterage or yardage totalizer per shift/day.
- Data storage facility such as:
  - No. of machine stoppage per shift/day.
  - Stoppage time of each machine and total machine stoppage time.