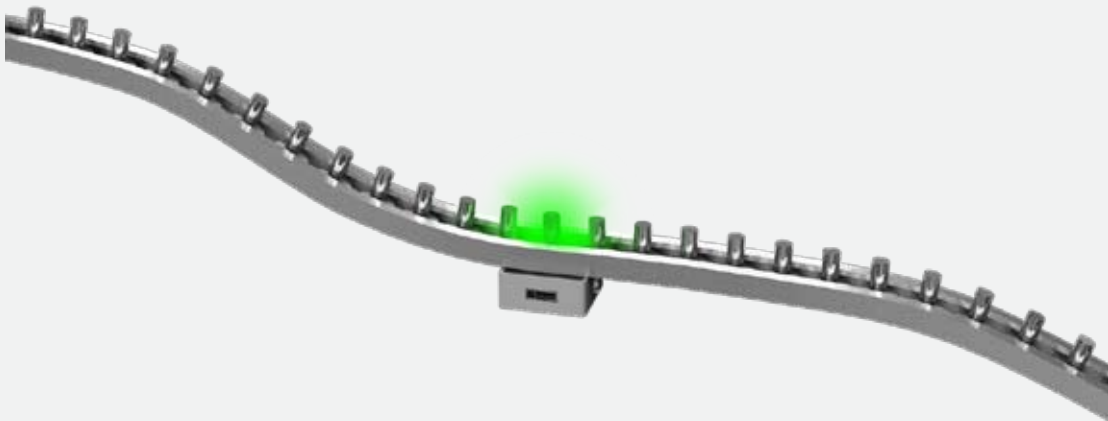


LOW FREQUENCY GENERATOR EG2430

Degaussing of small parts in transport rails



Work pieces are quite often forwarded from one machining centre to another by transport rails. If the work pieces have been magnetized during pre-machining, there will be problems with adhesion, clutching, false orientation, and others during material flow, or at the next stage of production.

Vallon offers a solution with its degaussing system EG2430 which is controlled by the machine cycle and continuously performs partial degaussing; this procedure allows an uninterrupted material flow.

The generator EG2430 supplies the required current to a degaussing coil or degaussing yoke which is mounted to a transport rail, and performs synchronised degaussing in an area of approx. 10 cm.

The machine cycle is either determined by the subsequent machining centre, or the EG2420 can be set to initiate degaussing automatically at a given interval.

This system has been designed for a versatile range of automatic production lines, incorporating the following options:

- External activation of the degaussing impulse package by a control signal from the machine centre with adjustable duration.
- Manual activation of an individual degaussing impulse package.
- Automatic recurrent (periodic) activation of the degaussing impulse package, with regulation of cycle rate and cycle duration, in synchronization with the transport conveyor or the machine cycle.
- Adjustable properties of the impulse package, as for example rising edge, voltage, descending length, basic frequency and others.



Technical Data EG2430

Voltage:	230 V / 50/60 Hz, 4 A
Protection class:	IP54
Dimensions:	190 x 350 x 400 mm
Degaussing yoke or Degaussing coil:	customized
Impuls duration:	0.68 - 3.76 sec
Repeat time (interval):	0.1 - 5.0 sec

Technical modifications subject to change without notice.

Edition 04/2009