

Packing Chocolate

Pulsed DC System

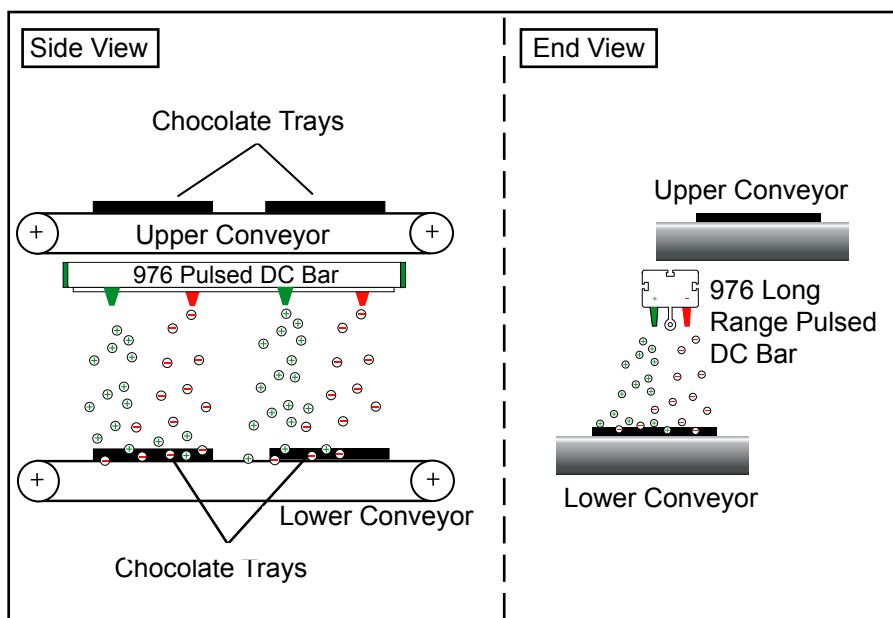


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Problem

Chocolate packing operators, wearing woven gloves, brush off chocolates from nylon trays onto aluminium trays by hand. This can cause the following problems:

1. High charges build up in the operators' bodies leading to dramatic discharges, especially when the nearest earth is a metal framed work bench.
2. Continuous sparking between the operators' bodies and the earth which can cause skin damage and extremely low morale. Substantially reduced operating speeds.



Solution

Mounting Model 976 Pulsed DC bars on the wall dividing the upper and lower conveyors eliminates the problem (see diagram).

A constant stream of ions bathes the lower conveyor, chocolates, nylon trays and the hands and arms of the operators ensuring neutralisation of static charges.

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