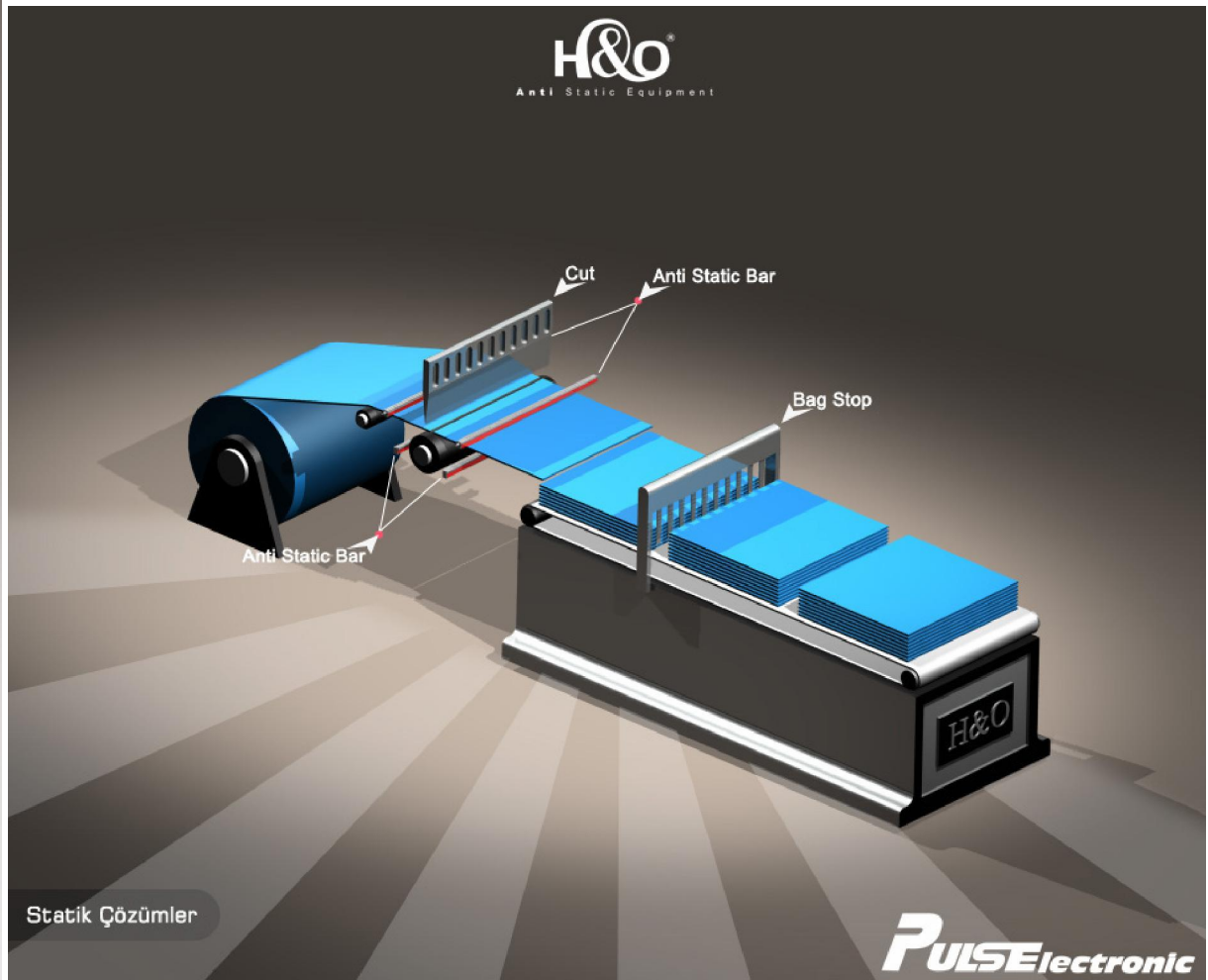


# Applications

## PACKAGING APPL CAT ON FLAT BAG CUTTING MACHINE APPLICATION SHEET



After the manufacturing cycle of a flat bag making machine, the bag will have built up large static charges from the un-wind. Friction of rollers and the heat from the thermo welding. Although highly charged, the bags are under tension and do not cause the manufacturer problems. When the bags are cut, the static charge then will cause the material to attract to an earth potential such as rollers. Machine casing etc. This is also a problem when trying to stack the bags. As the bags are manufactured from the same material and have been through the identical manufacturing process, they will hold the same charge. This will cause the bags to repel from one another and not stack correctly.

By positioning two PULSElectronic ionising bars (one either side of the web) across the material prior to cutting, you will neutralise the charge and the bags will then stack correctly, reducing wastage. Down time and increasing productivity.