CHARGING | NON-STOP WINDER

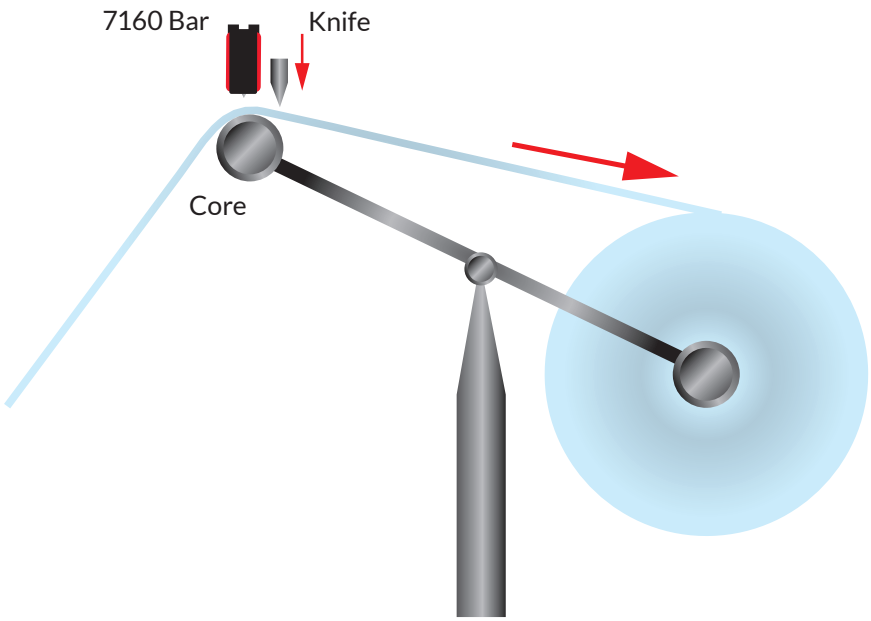
Non-stop winding is frequently used on printing and converting applications where the web cannot stop when the rewind reel is full.

Double sided tape was the original method of holding the web to the new reel, but this is a time-consuming job. Using electrostatics is a more productive process.

Static can be used to stick the film to the new core on an automatic, non-stop winder if the core is suitable.

A Generator Bar covering the full film width is positioned before the knife, above the core in its reel change position.

The Generator Bar is turned on so that the film becomes charged just before the knife cuts the film. The charged film sticks to the core as it begins winding.



RELATED PRODUCTS



IONFIX Compact Static Generator



7160 Static Generator Bar

The Static generation electrode is positioned just before the knife. When the old reel is full the new core rotates until it nearly touches the film. At this point the generator electrode emits a burst of charge to pin the film to the new reel, at the same time the knife cuts the film.

The core is on a full length metal and earthed mandrel, which acts as the counter electrode.

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