

Cradle Feeder 100

The cradle Feeder 100 enables tension-free advancing of stretchy materials. An integrated web edge control guarantees precise feeding of materials with uneven roll edges.

As the name implies, the heart of this feeder is a cradle equipped with a system of belts and rollers that advances rolled materials onto the cutter.

A motorized tipping device permits lowering the back of the cradle for quick and easy roll changes. This makes it possible for one operator to comfortably load new rolls without assistance.

A dancer bar continually registers fluctuations in web tension in real time. If needed, the cradle feeder 100 regulates the drive speed, ensuring entirely tension-free material advancing. Integrated edge control ensures exact alignment of the material edges during roll-off. Whenever the sensor detects an

irregularity, the feeder automatically adjusts the horizontal alignment of the cradle. This permits correctly advancing even from poorly wound, out-of-round rolls. When the end of the material is reached, unwinding stops automatically. This eliminates any issues when processing rolls where the end of the material is taped onto the core.

Because no shaft is needed to hold the roll in place, there are no specific requirements in terms of core diameter or core characteristics. Even rolls with crimped, broken or missing cores pose no problem for advancing with this type of feeder.

The cradle feeder 100 is capable of both unwinding and rewinding rolls. This makes

it easy to bring material back to the starting position after processing is finished. The rapid-rewind feature ensures tightly wound, perfectly compact rolls without air pockets.

A new, integrated cross-cut feature permits cutting the web at the end of a marker. The cross-cut option can be triggered manually or activated automatically in the cutter software. It allows for cross-cutting the material even while the cutter is still processing the job, which leads to significant reductions in set-up times for subsequent jobs.

For even greater flexibility, the cradle feeder 100 can be equipped as needed with an optional roll-off unit with shaft.



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Details

Roll weight: max. 100 kg / 220 lbs

Roll diameter: max. 400 mm

The cradle feeder 100 equipped with optional cross-cut requires a cutter extension.

Suitable for inward/outward wound rolls.

Compatible with **G3**, **S3**, **D3**.
Available in the widths L, XL and 3XL.

Benefits at a glance

Tension-free feeding of flexible, stretchy textiles.

Automatic web edge control guarantees exact feeding accuracy.

Cross-cut option for manual or automatic cross cut.

Simple controls with user-friendly touch panel.

Fast, easy roll changes for maximum versatility.

Reliable handling of rolls with crimped, broken or missing cores.

Additional roll-off unit with shaft can be mounted on cradle feeder 100 as option.

Fully supported in Zünd Cut Center - ZCC and MindCut software.