



Grafisk Maskinfabrik

UCE 500

Sheeter with lamination and flexo varnish

Single unit in-line or off-line converting for digital workflows



The converting line consists of a UV varnish, lamination/supergloss length slitting and a sheeter module. This means that the line can make both roll-to-roll and sheeted products. Operation is can be both inline with a dancer or offline (optional unwind module). Typical applications are banners, folders, post cards and roll-to-roll printed labels (not die cut).

The line is operated by a touch display and available for web widths of 330 mm (~13.0") or 515 mm (~20.3"). The sheeting is done by a guillotine cutter, which is also suitable for cutting heavy materials. The sheeter easily adjusts to cutting by label gaps, length or print marks with a resolution of 0.1 mm (~0.004") and an approximate accuracy of ± 0.15 mm. The machine can be supplied with rotating length slitting.

Advantages

- UV flexo varnish
- Ultrasonic web guide
- Pneumatic 76 mm spindles
- Dual 76 mm rewind with $\varnothing 500$ mm capacity
- Conveyer for sheeted products
- Optional hot-air for aqua varnish
- Touch display setting of label quantity per sheet and other job information
- Conveyor belt with setting of sheets per stack and total number of sheets
- Automatic register control adjusts for changes in the web speed (cut to mark)

Technical specifications

Cutting accuracy approx.	+/- 0,15 mm (~0.006")
Max. web width	330/515 mm (~13.0"/20.3")
Min. web width	30 mm (~1.8")
Max. sheet length	9999 mm (~393.7")
Min. sheet length	10 mm (~0.4")
Unwind mandrel diameter (sleeves)	40 - 180 mm (~1.6 - 7.1")
Max. unwind diameter (internal unwind section)	800 mm (~31.5")
Max. roll weight, unwinding	150 kg (~331)
Max. web speed	30 m/min

The web speed is limited to max. 30 m/minute and max. 14,000 sheets/hour and varies consequently according to the selected cutting length. The speed is typically 3,000 - 10,000 sheets/hour, subject to the job.

Optional equipment

- Length slitting knives (rotary top and bottom cutter) max. 6 knives. (Also for retrofitting)
- Separate unwind section, max. roll diameter 1000 mm (~39.4")
- Hot-air module for Aqua varnish
- Jogger table for sling stacking
- Spot varnish
- Corona treater
- Back scoring / Perforation

Dimensions

Length: 3880 mm
 Width: 1290 mm
 Height: 1620 mm
 Weight: 1500 kg – 1800 kg (depending on options)

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