

The New Standard in Carton Blading Systems

ECO-EDGE™ MODELS: 500S & 500HM



◀ **Eco-Edge™** is manufactured under license by **Koenig & Bauer Duran**, a member of the Koenig & Bauer Group.

HIGH SPEED

DUAL PURPOSE

GLOBAL SUPPORT

PROVEN RELIABILITY

TECH DRIVEN SIMPLICITY

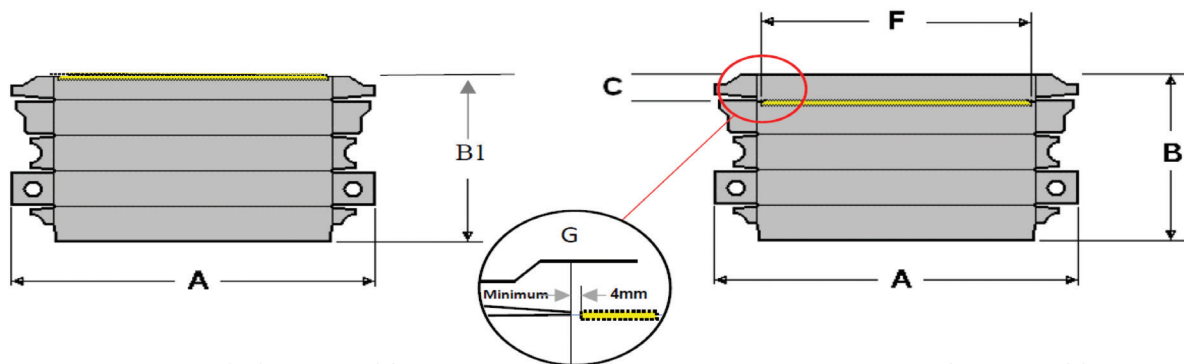
The **Eco-Edge™ 500S/500HM**, is a high-speed constant motion machine. Cartons are removed from the feed magazine by friction belts to the blade application station. The blade material is indexed at a right angle and taken from a reel that is advanced by servo operated drawing rollers, then cut to a pre-selected dimension by means of toothed upper and lower die arrangement.

In a single cutting action, the blade material is placed onto the carton blank.

Positioning in the running direction of the carton is carried out electronically. Following placement of the serrated blade, the carton is transported onto a right angled stacking conveyor for collection.

The **Eco-Edge™** system offers a variety of blade materials and tooth profiles.

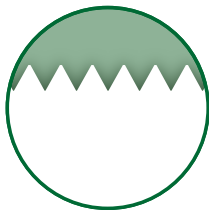
Technical Data ECO-EDGE™ 500S & 500HM



Carton Blank Length (A): 250 mm to 600 mm
Carton Blank Width (B): 150 mm to 510 mm
Carton Blank Width (B1): 150 mm to 440 mm
Blade Off Set (C): Max. 70 mm

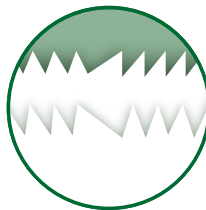
Blade Length (F): 150 mm to 500 mm
Blade to Crease (G): Min. 4 mm
Blade Width: 6 mm to 12 mm
Max Output: 14,000 blanks/hour

Standard Tooth Profile



Available in 14 and 20 tpi*

Scalene Tooth Profile (patented)



Available in 14 and 20 tpi*

*tpi = teeth per inch Note: Custom profiles available

AVAILABLE BLADE MATERIALS

- Bio-Plastic (PLA)
(Sustainable/Renewable)
- Clear APET
- Metallized APET
- White APET

All guaranteed to run on the **Eco-Edge™** system.

MACHINE RANGE AND FEATURES

Setting a new standard for carton blading machines, the **Eco-Edge™** system provides proven/reliable/high speed production, using the latest technology in glue system design and carton blading/handling features.

The **Eco-Edge™** 500 is available in 2 models:

- **Model 500S** (standard) is suitable for the application of self-adhesive blade materials only.
- **Model 500HM** (hot-melt or dual purpose) is suitable for the application of both self-adhesive or plain (no adhesive) blade materials via our unique Hot-Melt gluing system recommended for high volume or special purpose applications.

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