

# COMPACT TAPE CASTERS

## C-series



- Suitable for green ceramic thicknesses from 5 to 150 microns (0.2 to 6 mils)
- Suitable for solvent based and water based systems
- Automatic tracking of carrier film
- Compact size requiring minimum floor space
- High accuracy in thickness control and stability
- Slotted die slurry feeding to doctor blade
- Advanced slurry dosage with micrometer level control
- Stepper motor controlled automatic gap setting

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High accuracy (ceramic) tape casting on carrier films

The CAM- C series of tape casters are designed and built to meet the most stringent customer demands where compact design is required. A need for higher automation levels, higher accuracy and compact design, led to this truly innovative casters. The automated continuous slurry dosage flows through a slotted die system with +/-10 micrometer (0.4 mils) slurry level height control on the casting box. Fully automatic casting gap control, with auto zero calibration. The process can be continuously monitored on the touch screen. Preset menus can be use to quickly start a new casting batch.

**Options:**

- ceramic tape edge cutting
- double drying zones
- 2m longer drying zone
- Ethernet data link option for external process monitoring
- dry tape thickness measurements

**Technical specification:**

Casting speed: 0.1 -6 m/min (0.3-20 ft./min) adjustable

Carrier tape width: 250 mm or 350 mm max. (10 or 14 inch max.) depends of version

Casting width: up to 200 mm max. (8 inch), or up to 300 mm max. (12 inch)

Dry tape thickness: 5-150 microns (0.2-6 mils)

Thickness accuracy: +/- 1 micron (0.04 mils)

Carrier film thickness: 20 to 75 microns

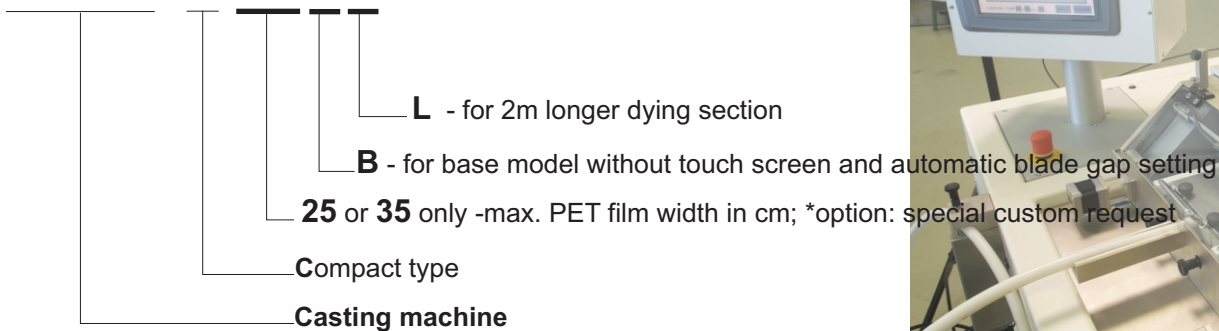
Drying: 5 individual bottom heating plates,  
top side filtered air adjustable from room temperature to 120 degr. Max.

Slurry feeding: automatic by air or Nitrogen pressure

Slurry vessel: 25L (6.6 gal)

**How to order: \***

# CAM-Cxxxx



\* Options and other requirements have to be specified separately.



Grajski trg 15  
8360 Žužemberk, Slovenia  
Phone: +38673885200  
Fax: +38673885203  
E-mail: info@keko-equipment.com  
URL: http://www.keko-equipment.com

Agent: