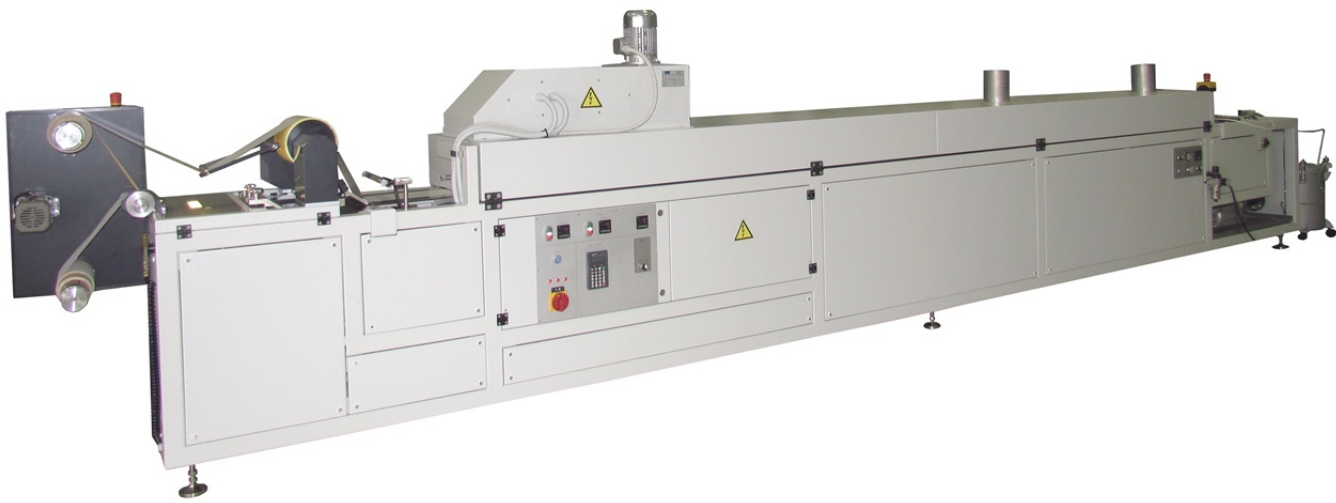




CHOSEN BY LEADING
COMPONENT MANUFACTURERS
WORLDWIDE

STEEL BELT TAPE CASTERS

S- series



- Suitable for casting green ceramic tape thicknesses from 15 to 200 microns (0.6 to 8 mils)
- Suitable for solvent based and water based systems
- Automatic tracking of steel belt
- Different drying regimes available
- Tape edge cut and tape winding possibilities
- Very suitable for price sensitive applications
- Advanced slurry dosage with laser sensor level control

ECONOMIC TAPE PRODUCTION PROCESS

BASIC CONFIGURATION:

The CAM- S series of tape casters are designed for price sensitive productions, since the process takes place on a continuous stainless steel belt. The S series tape casters are mainly used to produce dry tape thicknesses from 15 to 200 microns (0.6 to 8 mils). 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. The casting gap is set using micrometer screws and displayed on 2 digital measuring gauges.

The standard caster comes with automatic belt tracking system for the steel belt with pneumatic belt tensioning, dried tape winder and a 25 Liters (6.6 gallons) slurry vessel.

Optionally, under the belt heating and additional sections of top heated air in counter-flow can be added to meet specific requirements:

- ceramic tape edge cutting
- more and longer drying zones
- slurry filter cartridge

Technical specification			
Casting speed	20 holes/s in distance 1 x 1 mm	Slurry feeding	automatic by air or Nitrogen pressure
Belt width	up to 225 x 225 mm max.; (9 x 9 inch)	Slurry vessel	25 L (6.6 gal)
Casting width	up to 220 mm (9 inch), or up to 450 mm max. (18 inch)	Belt speed controlled	by frequency exchanger, belt tension adjustable by air pressure, tracking mechanism with edge sensor for belt tracking
Dry tape thickness	15-200 microns (0.6-8 mils)	Dryer construction	stainless steel
Thickness accuracy	+/- 2 micron (0.08 mils)	Safety	CE compliant
Drying	2 bottom heating zone, 1 top heating zone (filtered air adjustable from room temperature to 80 degr. C max.)	Dimensions	Depends on version

How to order: *

CAM-S30x



CAM-S305

Drier length 5 (7, 9, 11) (m)

30 or 60 only - max. Belt width in cm; *option: special custom request

Stainless steel belt type

Casting machine

* Options and other requirements have to be specified separately.



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