

## CAN SEAMING MACHINE STA 1500

The fully automatic can seaming machine STA 1500 was designed and built for seaming round tin, aluminum or composite cans. It works on the principle of a rotating can. This is a “stand alone” machine with its own conveyor belt and a fully automatic can and lid feed.

The outfeed belt is very ideal for product labelling by inkjet printer. The machine is completely made of stainless steel for corrosion resistance for daily rough use in wet or dry operations.



## TECHNICAL DATA

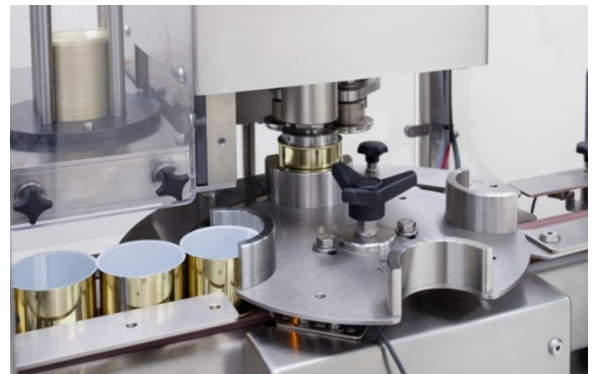
Can Diameter:	52 - 99 mm
Can Height:	30 - 200 mm
	Other dimensions on request
Capacity:	up to 1500 cans/hour
Rec. annual capacity:	max. 500.000 cans/year
	Depending on product and can size, reduced capacity for liquids.
Rec. annual capacity:	max. 500.000 cans/year
Power supply:	0,95 KW, 3 x 400 VAC+N+PE / 32 A / 50Hz
Dimensions:	200 x 80 x 180 cm
Working height:	100 cm
Weight :	approx. 380 kg
Conveyor:	Standard
Air consumption:	approx. 3,7 m <sup>3</sup> /h at 6 bar
	Acc. to ISO 8573-1:2010/7:4.4
	(Compressor not included)

## TECHNICAL ADVANTAGES

- Sophisticated design made of stainless material - suitable for wet and dry undertakings
- Hygienic and easy to clean
- Flexible working by automatic height adjustment
- Constant working height
- Adjustable speed for indexing star wheel
- Swivel system for operator panel, to operate the machine from the front and back
- Fully automatic can and lid feed
- Standstill clamping and unclamping of the can
- Large, maintenance-free seaming rollers
- Short conversion times for format changes by simply changing the format parts
- Wide range of format sizes
- Easily movable thanks to 4 castors with brakes
- Siemens PLC controller with text display for error messages
- Stainless steel cabinet

## FUNCTIONAL DESCRIPTION

The filled can is fed to the machine by the conveyor belt. An indexing star picks up the can and feeds it to the seaming station. Simultaneously, a lid is stacked from the magazine and positioned under the sealing station. The can is lifted there, the lid picked up and both are pressed together against the seaming chuck. Only now the can is rotated and seamed with the seaming rollers mounted on a lever system airtight and reliably. Thereafter the can is stopped, clamped out and the indexing star passes the seamed can back to the outfeed belt.



## FORMAT CHANGE

When changing the format, the seaming lever is changed completely with the ready set seaming rollers, which makes setting the seaming rollers redundant. Replacement of the seaming chuck, the lid magazine, the can guides and the indexing star is simple and largely carried out without tools.

Switching to another can height is done manually by adjusting the height of the machine head. Using quick-change format parts guarantees a format change within few minutes, which results in only short immobilization of the machine.

## AUTOMATIC HEIGHT COMPENSATION

By using special format parts, the cans can be seamed with a height difference of up to 30mm WITHOUT having to adjust the machine. You can seam, for example  $\varnothing 99 / 200 - 400\text{gr}$  cans or  $\varnothing 73 / 125 - 200\text{gr}$  cans without having to adjust the height intermittently. The height adjustment is automatic.

Subject to technical modifications. The images can differ from the described type of machine.

More Information: [www.stillergmbh.de/1/products/fully-automatic-can-seaming-machines/sta-1500](http://www.stillergmbh.de/1/products/fully-automatic-can-seaming-machines/sta-1500)