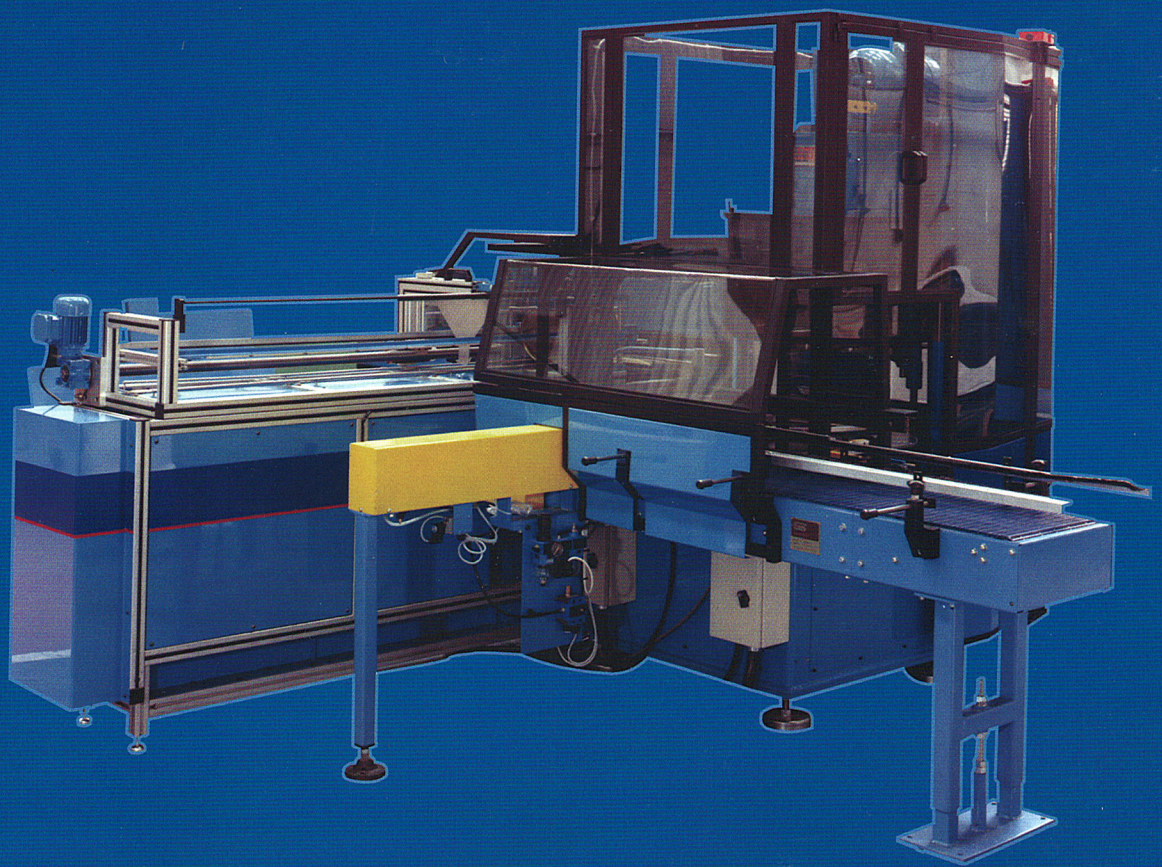


Csm500

ROUND & IRREGULAR SEAMER



Ultimate Flexibility

**Precision
Performance
Range
Speed**



Meltog

Csm500

ROUND & IRREGULAR SEAMER

Ultimate flexibility for t

The Csm 500 Seamer has been designed to give maximum flexibility with the minimum of lost changeover time for the 3 piece Can Manufacturer. Gear driven and robustly constructed, the Csm 500 features a rapidly interchangeable seaming chuck and cam and wherever possible, to keep maintenance to a minimum, sealed bearings and sophisticated synthetic lubricants have been utilised.

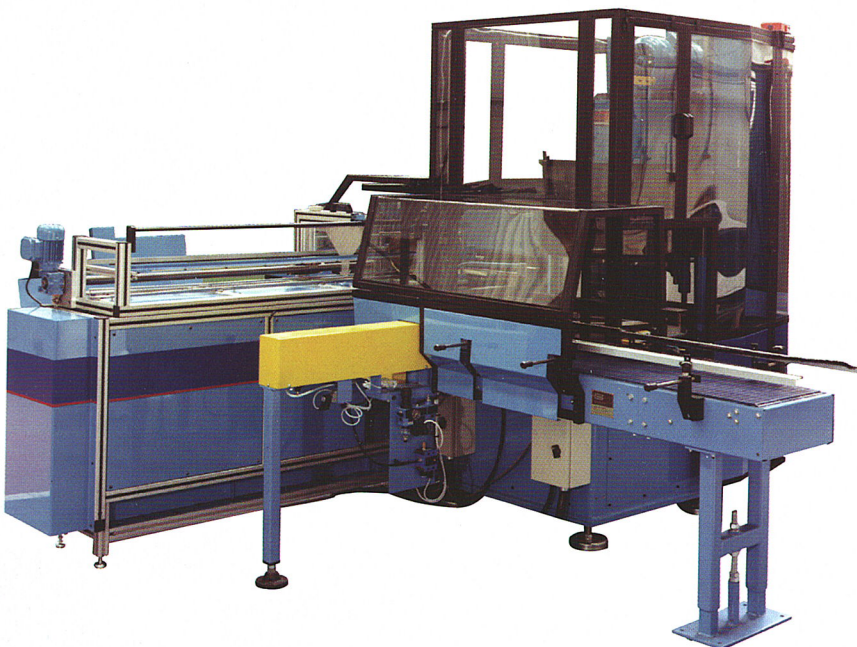
To aid quality, consistency and safety a PLC controller is fitted as standard to all Csm 500 seamers along with fully interlocked guarding complying with European Standards (with sound absorption as an option).

Can Body Infeed (optional extra)

Infeed is controlled by the seamer PLC. A sensor detects the presence of a can body which allows a pneumatically operated pusher to sweep it off the conveyor. For safety, both to operator and machine, the pusher will only operate when a body is present and when the seamer is in the correct mode to receive it.

Index Table

Designed for ease of adjustment over a wide variety of can heights, between 40 to 100mm by a central screw, while taller bodies are accommodated by use of a second index turret. The turret is turned through 90° by a cam indexing box. This has been selected for its superb indexing motion, robustness and load carrying capacity.



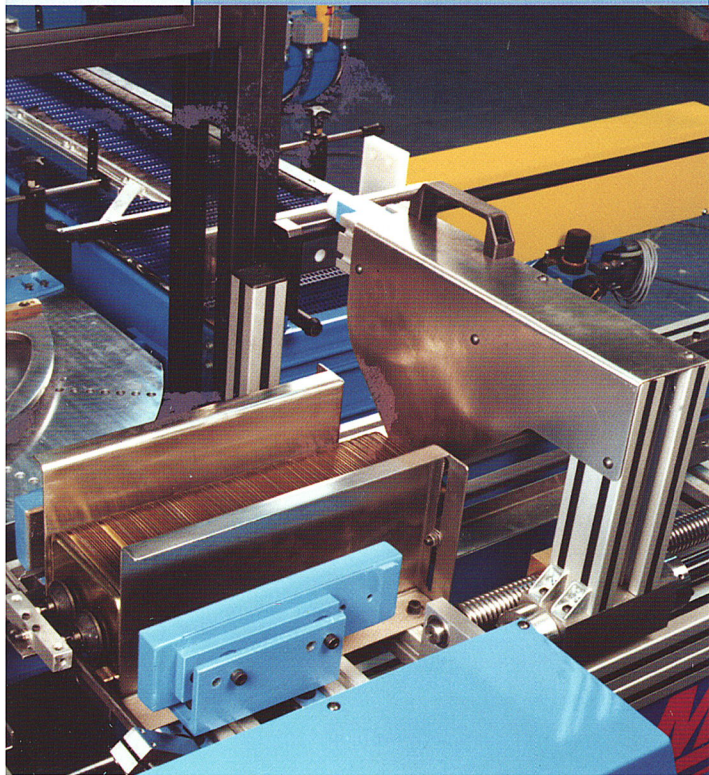
End Feed (optional extra)

Designed to feed flat flange or start curled ends of almost any conceivable shape within the machine parameters. Consistency of separation feed is achieved by a system of magnets and vibration. Once separated, a suction feed delivers the individual ends to the indexing turret.

the can making industry

Csm 500

optional automatic end feed shown without guards.



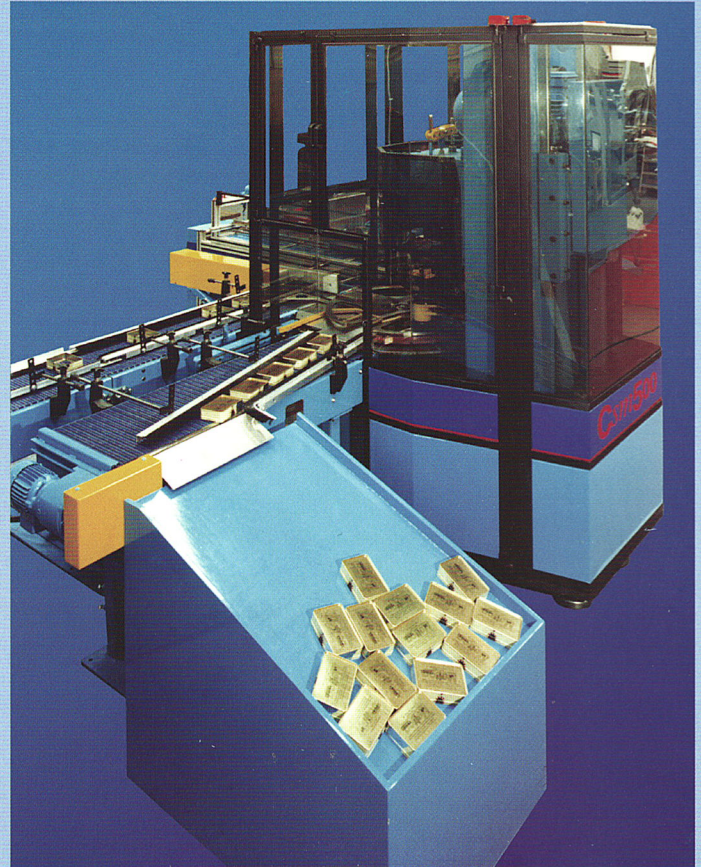
Body Square Unit

(optional extra but necessary for decorative cans)

Cam driven, from the seaming head gearbox, this unit is fitted with a shoe (change part) to suit the can being seamed. The can body section is closed by the shoe, facilitated by a fully adjustable stroke length allowing optimum output speed to be achieved with the seamer.

Can Eject System

The eject system utilises rigidly mounted ball bearing linear guides with a pneumatically operated, fully adjustable sweep arm to allow for a wide range of body sizes (twin arms are fitted for taller cans). The PLC ensures that the eject system only functions when a can is present.



Csm 500

with optional sound absorbing guards and output conveyor.

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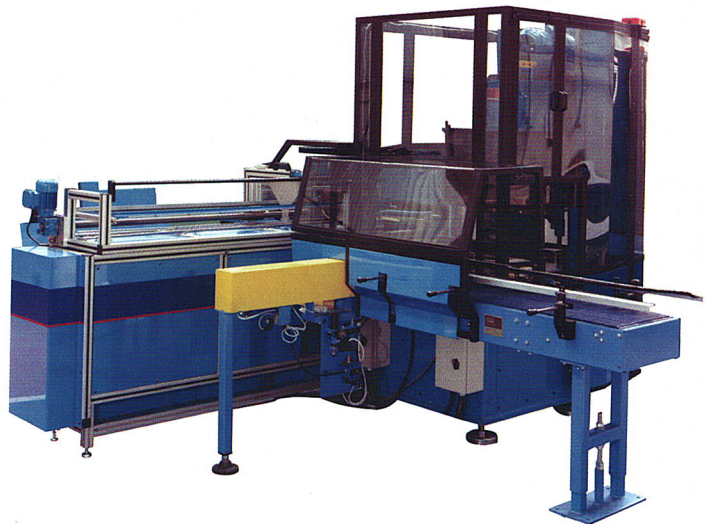
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Csm500

ROUND & IRREGULAR SEAMER

Throughout the drive proprietary equipment has been selected and all suppliers are major international companies of the highest reputation.

All gearboxes are lubricated for life, as are bearings wherever possible, and use of modern synthetic lubricants allow for a minimal maintenance regime. An overload clutch is fitted to protect the most appropriate area of the machine and its factory preset therefore requiring no further maintenance.



Power

Supply	415V/3PH/50-60HZ
Main Motor	3KW
Head Elevation	0.55KW
Infeed Conveyor (where fitted)	0.37KW

Pneumatic

Supply	5.5 bar (80psi)
Infeed Push (where fitted)	160L/min (6ft ³ /min)
Eject	240L/min (8ft ³ /min)
End Feed	600L/min (20ft ³ /min)

Options

Positive squaring of bodies	(standard requirement for fancy cans)
Variable Speed	
Automatic Feeding of Ends	
Additional Easy Change Tooling	
Infeed Conveyor	
Outfeed Conveyor	
Sound Absorbent Guards	

Machine Specification

Minimum Diagonal (or diameter)	100mm (4")
Maximum Diameter	350mm (13 3/4")
Maximum Diagonal (depending on width to length ratio)	375mm (14 3/4")

Minimum Height of can	40mm (1 5/8")
Maximum Height of can	500mm (20")

Output Speed depending on shape and dimensions of can to be seamed	25-40cpm*
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* NOTES Some combinations of the above specifications are not possible. i.e. maximum material thickness and maximum height. Output speed will be dependent on blank size, shape and rigidity.

The information contained in this brochure is for guidance only and does not form part of any contract. The accuracy cannot be guaranteed as Meltog have an ongoing process of development and reserve the right to change the specification of their products without notice.