

caprosol

laser **can** production solution



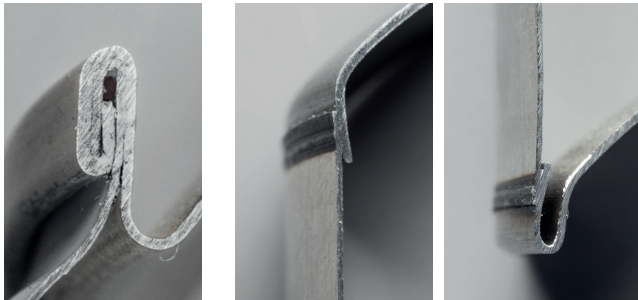
Laserdome by caprosol

Save up to 30% material using laser welded tinplate cans

Our Laserdome can is based on a newly developed process for a weight-reduced tinplate aerosol can. By using the latest technology, we have managed to save on material, thereby reducing the cost of the can. With the look of a monoblock can and great decorating opportunities, we offer a process for producing premium steel cans.

Laserdome concept Material/cost savings

As the top and bottom of the can are laser welded instead of fitted with a traditional seam, there is a clear reduction in the material used. Additionally, the material thickness of the parts can be optimized. So great savings of up to 30% and more can be achieved.



Traditional seam

Laser weld

Material thickness of Laserdome components			
Can ø (mm)	Top (mm)	Body (mm)	Bottom (mm)
45	0.13	0.10	0.26
49	0.16	0.10	0.29
52	0.21	0.10	0.31
57	0.24	0.11	0.34
65	0.27	0.12	0.39

Based on 15 bar deformation

Laserdome premium design

With the monoblock design, the Laserdome can offers a modern look. Flat tops can be applied as well as small caps. Sleeve labels and digital printing are graphical packaging options as well as traditional printing.

Laserdome corrosion protection

Existing technologies like powder coating or lacquering can be applied to the can internally.

Machine concept Qube LD

Our Qube LD assembling machine is modular in design. One module has a capacity of 75–90 cpm. The Cube size is only 1100 mm × 1170 mm, the use of a multiple Qube LD facilitates any capacity required.

Our production cubes can be easily integrated into your existing steel can production line. Bodies are produced on your existing body welder, and with a new set of tools, your presses will form the new geometry of tops and bottoms.

With the Laserdome concept using the Qube LD assembling machine, you don't need to buy a complete line for a modern process and an innovative modern light-weight can.

That's cantastic!



LD-600

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