



DHIMET

HYDROFORMING REFLECTORS



REFLECTORS

BY

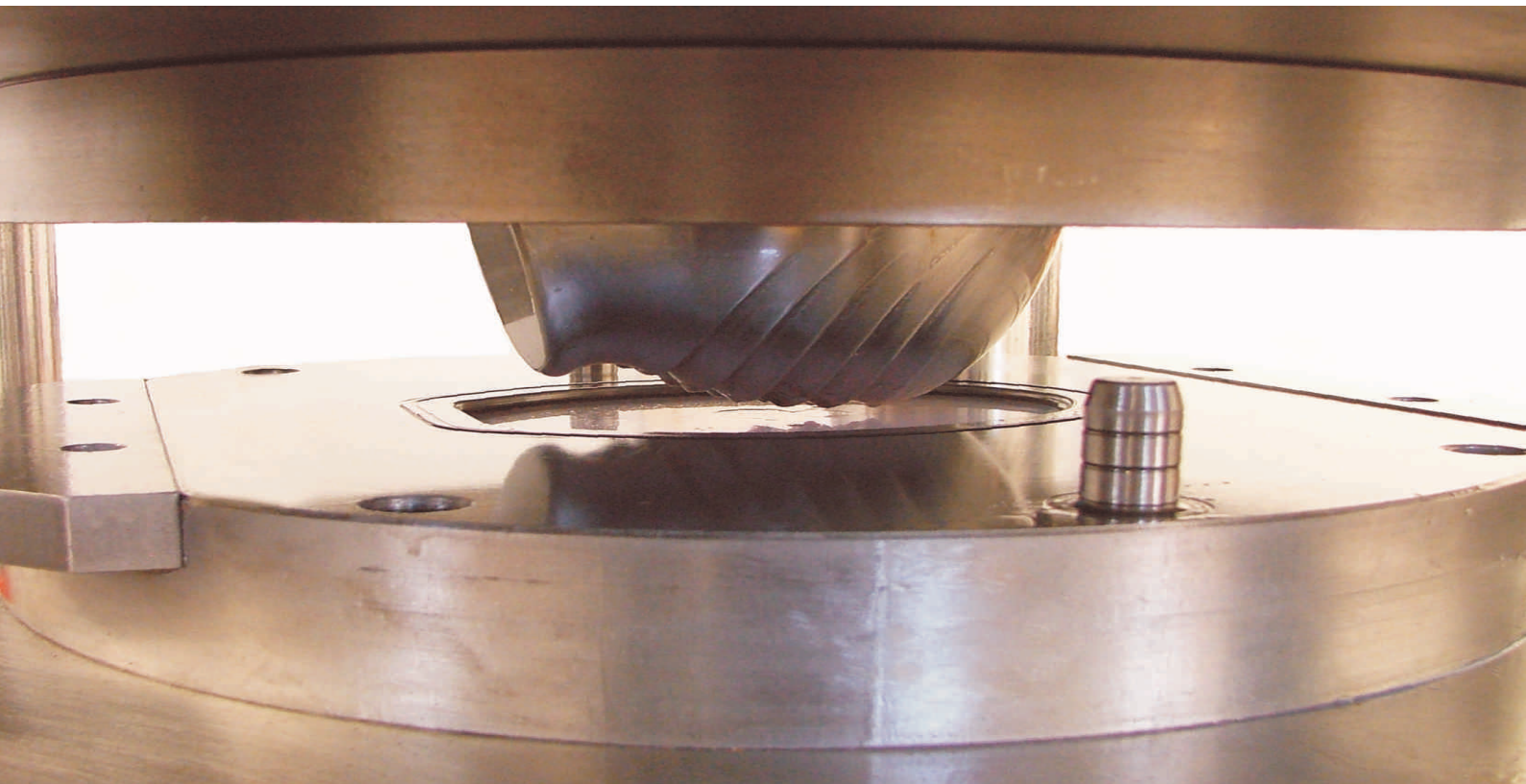
Hydroforming



HYDROFORMING REFLECTORS

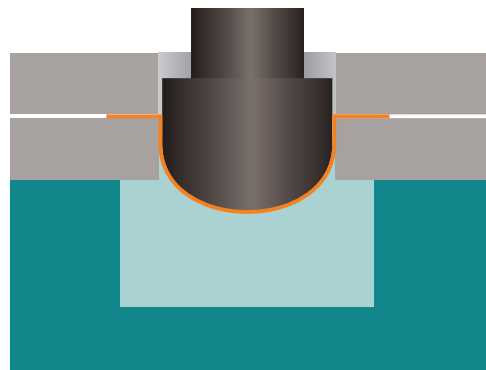
The Hydroforming Process

The Hydroforming Process consists of a metal sheet drawing through the use of a punch against a chamber of water, whilst sliding a metal sheet between a draw ring and blank holder. The water pressure is regulated to force the metal sheet into the die, depending on the size of the drawing.



The Advantages of The **Hydroforming** Process in the Production of Aluminum Reflectors

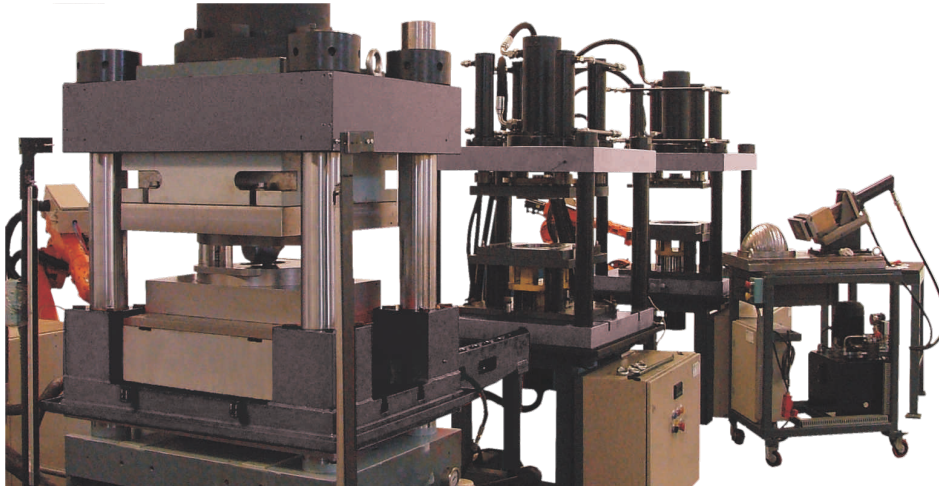
- Produces more complex shapes and designs.
- Obtains concave and convex shapes.
- Reaches new heights of profound drawings.
- Achieves precision and accuracy with each design.
- Reduces the thickness of the reflector.





We Offer the Construction of Production Lines for the Manufacturing of Reflectors

Dhimet has developed production lines which optimize the cost of labour, materials and machinery. As a result, our production lines achieve maximum efficiency.



In our Production Lines we Emphasize:

Total automated slitting and cutting to length CNC line, finishing with the lubrication of the blanks.

Double action CNC **hydroforming** press capable of working at high, medium and low pressure to guarantee the required geometric shape with a high accuracy in the reflector height ($\pm 0,1$ mm).

Double action hydraulic presses where the bending, folding, marking and trimming of the reflector edges are performed.

The Advantages of Our Production Lines

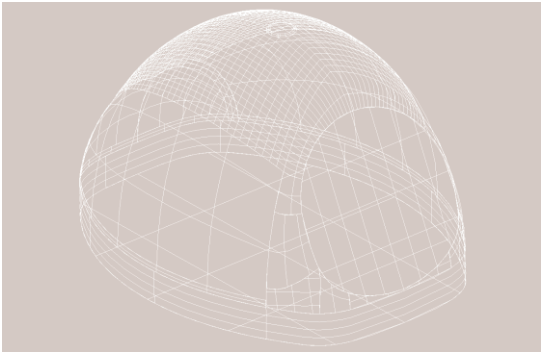


REFLECTORS
BY **Hydroforming**

- Minimizes the Lead Time of Production.
- Guarantees the shapes and designs of the drawings.
- Reduces the costs through the efficiency of the overall process.
- Minimizes the Stock.
- Offers a very competitive market price.

Development of the Production of Your Reflectors

Dhimet, under your specifications and designs, assumes responsibility by guaranteeing the desired results of your reflector.



To achieve these results:

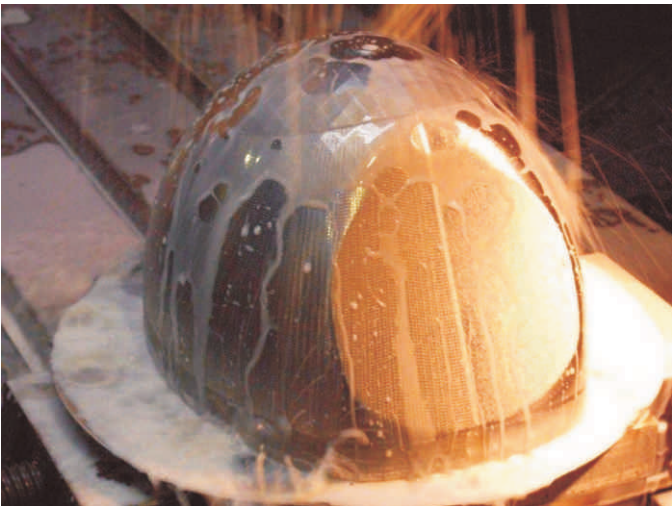
We Plan the Production Process.

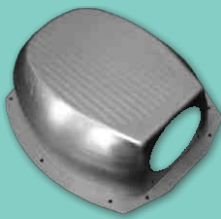
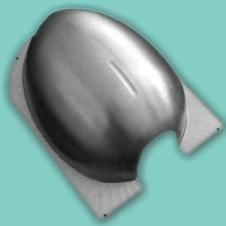
We design and construct the necessary hydroforming tools in order to create your prototype.

We design and construct tools for the completion of the product.

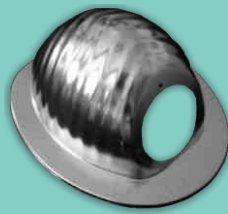
We hydroform the reflectors.

We anodize the reflectors.





*Your
Specifications*



REFLECTORS



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DHIMET S.L. is a company that specializes in sheet metal manufacturing with over 20 years of experience in the industrial sector.

DHIMET S.L.

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Our Business

- The manufacturing of anodized aluminum reflectors.
- The design and the creation of production lines for the manufacturing of reflectors.

REFLECTORS
BY **Hydroforming**



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