

FORMING TUBES AND PROFILES

Extrusion, bent and calibration processes obtaining welded and seamless pipes, caps, profiles, and more. We supply standard products, as aluminium profiles for windows and doors, as well as products according to standards and customer's requirements

PROCESS:

This type of tubes and profiles are highly demand in the sectors of construction, automotive, aerospace, appliances, food industry and chemical and petrochemical industry.





The first step in the process of forming tubes and profiles is **extrusion**. For this, it requires a design with a known extruder barrel and a screw. After direct extrusions proceed with calibration and curved.

Calibration tubes and profiles aims to achieve a given pipe diameter and has a circular shape needed for accurate and final part. To perform the calibration, are two processes: calibration for smooth wall pipe calibration rough wall pipe.

Pipe bending takes place in certain situations. For example, in the construction sector, to prevent or avoid uneven column. Ultimately, pipe bending aims to adapt the tube to the needs of the site where it will go in place. For pipe bending machines are required bending. Each type of machine has its own characteristics, but generally are made of steel or welded steel plate. Also typically have a three drag rollers to achieve a smooth



surface finish without damage. The bending machines can also be manual. Have a light weight, easy to transport and curve materials like brass, copper or aluminium.





MATERIALS:

To produce metallic tubes and profiles, the materials most commonly used are:

- Aluminium.
- Carbon Steel.
- Stainless steel.
- Brass.
- Copper.

CONTACT:

In **Gestión de Compras** work with a wide range of customers from different sectors but have in common the search for products that suit your needs at the best Price and the guaranteed maximum quality. Check with us about any product. We have a qualified staff who will advise you.

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